wwPDB NMR Structure Validation Summary Report

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PDB ID	:	2M1K
BMRB ID	:	18868
Title	:	Interaction of Human S100A6 (C3S) with V domain of Receptor for Advanced Glycation End products (RAGE)
Authors	:	Gupta, A.A.; Yu, C.
Deposited on	:	2012-11-29

This is a wwPDB NMR Structure Validation Summary Report for a publicly released PDB entry.

We welcome your comments at *validation@mail.wwpdb.org*
A user guide is available at
https://www.wwpdb.org/validation/2017/NMRValidationReportHelp
with specific help available everywhere you see the (i) symbol.

The types of validation reports are described at
http://www.wwpdb.org/validation/2017/FAQs#types.

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

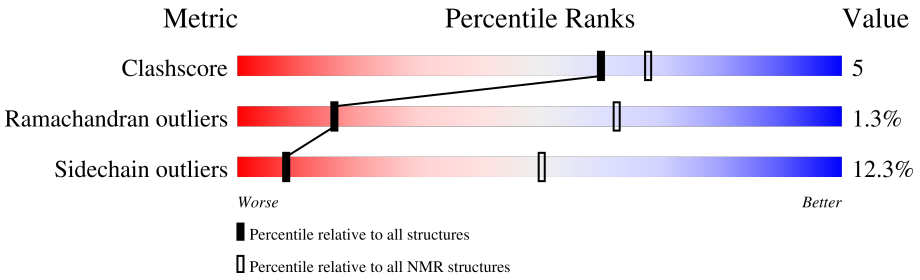
MolProbity	:	4.02b-467
Percentile statistics	:	20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal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

1 Overall quality at a glance (i)

The following experimental techniques were used to determine the structure:
SOLUTION NMR

The overall completeness of chemical shifts assignment is 7%.

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



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

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

Mol	Chain	Length	Quality of chain
1	B	90	96%
1	D	90	97%
2	A	101	76% 24%
2	C	101	73% 26%

2 Ensemble composition and analysis

This entry contains 20 models. Model 6 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

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

Well-defined (core) protein residues			
Well-defined core	**Residue range (total)**	**Backbone RMSD (Å)**	**Medoid model**
1	B:2-B:90, D:2-D:90, A:21-A:121, C:21-C:121 (380)	1.08	6

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

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

The models can be grouped into 3 clusters. No single-model clusters were found.

Cluster number	Models
1	1, 2, 4, 5, 6, 7, 9, 12, 13, 15, 16, 17, 18, 19
2	3, 8, 11, 14
3	10, 20

3 Entry composition (i)

There are 2 unique types of molecules in this entry. The entry contains 6060 atoms, of which 3070 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Protein S100-A6.

Mol	Chain	Residues	Atoms						Trace
1	B	89	Total	C	H	N	O	S	0
			1431	449	724	119	138	1	
1	D	89	Total	C	H	N	O	S	0
			1431	449	724	119	138	1	

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
B	3	SER	CYS	engineered mutation	UNP P06703
D	3	SER	CYS	engineered mutation	UNP P06703

- Molecule 2 is a protein called Advanced glycosylation end product-specific receptor.

Mol	Chain	Residues	Atoms						Trace
2	A	101	Total	C	H	N	O	S	0
			1599	498	811	148	138	4	
2	C	101	Total	C	H	N	O	S	0
			1599	498	811	148	138	4	

There are 4 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	21	ALA	-	expression tag	UNP Q15109
A	22	MET	-	expression tag	UNP Q15109
C	21	ALA	-	expression tag	UNP Q15109
C	22	MET	-	expression tag	UNP Q15109

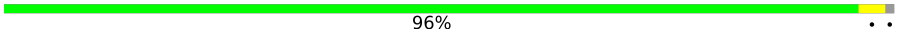
4 Residue-property plots

4.1 Average score per residue in the NMR ensemble

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

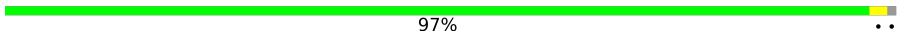
• Molecule 1: Protein S100-A6

Chain B:



• Molecule 1: Protein S100-A6

Chain D:

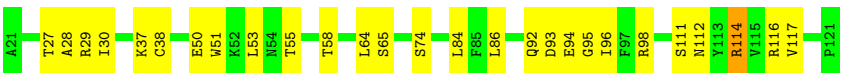


• Molecule 2: Advanced glycosylation end product-specific receptor

Chain A:

• Molecule 2: Advanced glycosylation end product-specific receptor

Chain C:

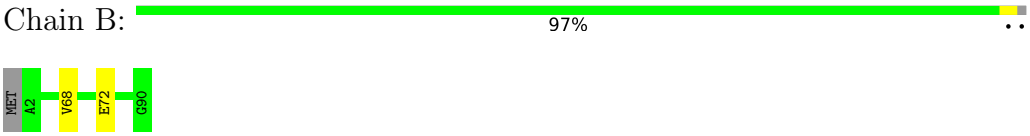


4.2 Residue scores for the representative (medoid) model from the NMR ensemble

The representative model is number 6. Colouring as in section 4.1 above.

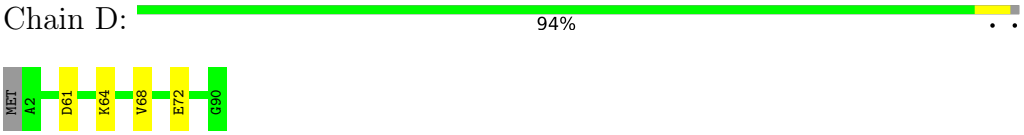
• Molecule 1: Protein S100-A6

Chain B:



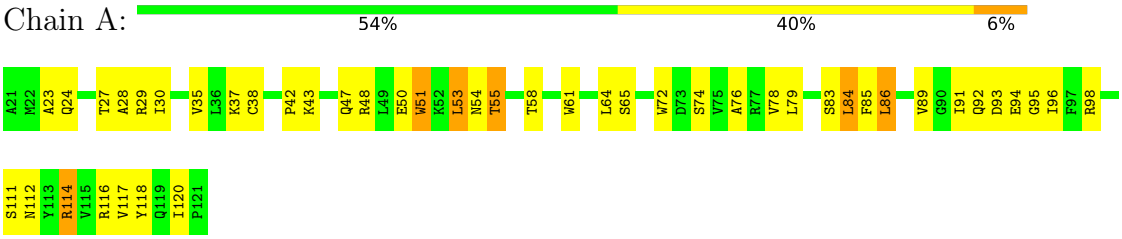
• Molecule 1: Protein S100-A6

Chain D:



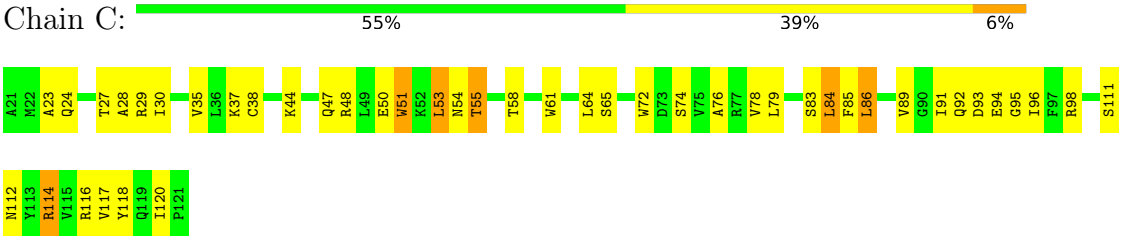
• Molecule 2: Advanced glycosylation end product-specific receptor

Chain A:



• Molecule 2: Advanced glycosylation end product-specific receptor

Chain C:



5 Refinement protocol and experimental data overview

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

Of the 200 calculated structures, 20 were deposited, based on the following criterion: *structures with the lowest energy.*

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

Software name	Classification	Version
HADDOCK	structure solution	
HADDOCK	refinement	

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

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	5
Total number of shifts	441
Number of shifts mapped to atoms	439
Number of unparsed shifts	0
Number of shifts with mapping errors	2
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	7%

6 Model quality

6.1 Standard geometry

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

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts

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

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	B	707	724	721	3±2
1	D	707	724	721	3±2
2	A	788	811	808	11±9
2	C	788	811	808	12±9
All	All	59800	61400	61160	571

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 5.

5 of 118 unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
2:C:64:LEU:HD21	2:C:72:TRP:CZ3	0.76	2.16	4	10
2:A:64:LEU:HD21	2:A:72:TRP:CZ3	0.76	2.16	7	10
2:C:35:VAL:HG22	2:C:85:PHE:CD1	0.71	2.21	2	8
2:A:35:VAL:HG22	2:A:85:PHE:CD1	0.70	2.20	9	8
2:A:78:VAL:HG13	2:A:83:SER:O	0.70	1.87	1	10

6.3 Torsion angles (i)

6.3.1 Protein backbone (i)

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

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles
1	B	87/90 (97%)	83±2 (96±3%)	4±2 (4±3%)	0±0 (0±0%)	54 85
1	D	87/90 (97%)	84±2 (96±2%)	3±2 (4±2%)	0±0 (0±0%)	54 85
2	A	99/101 (98%)	87±4 (88±4%)	10±3 (10±3%)	2±1 (2±1%)	9 46
2	C	99/101 (98%)	87±4 (88±4%)	10±3 (10±3%)	2±2 (2±2%)	10 49
All	All	7440/7640 (97%)	6818 (92%)	528 (7%)	94 (1%)	16 63

5 of 18 unique Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
2	A	58	THR	10
2	A	94	GLU	10
2	A	118	TYR	10
2	C	58	THR	10
2	C	94	GLU	10

6.3.2 Protein sidechains (i)

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

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles
1	B	75/76 (99%)	72±3 (96±4%)	3±3 (4±4%)	37 85
1	D	75/76 (99%)	72±3 (97±4%)	3±3 (3±4%)	40 87
2	A	83/83 (100%)	66±6 (80±7%)	17±6 (20±7%)	3 33
2	C	83/83 (100%)	66±6 (80±7%)	17±6 (20±7%)	3 33
All	All	6320/6360 (99%)	5542 (88%)	778 (12%)	8 50

5 of 99 unique residues with a non-rotameric sidechain are listed below. They are sorted by the

frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
2	A	27	THR	20
2	A	92	GLN	20
2	A	114	ARG	20
2	C	27	THR	20
2	C	92	GLN	20

6.3.3 RNA

There are no RNA molecules in this entry.

6.4 Non-standard residues in protein, DNA, RNA chains

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

6.5 Carbohydrates

There are no monosaccharides in this entry.

6.6 Ligand geometry

There are no ligands in this entry.

6.7 Other polymers

There are no such molecules in this entry.

6.8 Polymer linkage issues

There are no chain breaks in this entry.

7 Chemical shift validation

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

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_1*

7.1.1 Bookkeeping

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

Total number of shifts	363
Number of shifts mapped to atoms	361
Number of unparsed shifts	0
Number of shifts with mapping errors	2
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

The following assigned chemical shifts were not mapped to the molecules present in the coordinate file.

- No matching atom found in the structure. All 2 occurrences are reported below.

List ID	Chain	Res	Type	Atom	Shift Data		
					Value	Uncertainty	Ambiguity
1	B	1	MET	C	177.165	0.20	1
1	B	1	MET	CB	33.8	0.20	1

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	82	-0.61 ± 0.21	Should be checked
$^{13}C_{\beta}$	23	—	None (insufficient data)
$^{13}C'$	78	-1.82 ± 0.30	Should be applied
^{15}N	84	0.98 ± 0.26	Should be applied

7.1.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 7%, i.e. 361 atoms were assigned a chemical shift out of a possible 5290. 0 out of 64 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	327/1892 (17%)	84/772 (11%)	159/760 (21%)	84/360 (23%)
Sidechain	34/3104 (1%)	0/2010 (0%)	34/954 (4%)	0/140 (0%)
Aromatic	0/294 (0%)	0/142 (0%)	0/138 (0%)	0/14 (0%)
Overall	361/5290 (7%)	84/2924 (3%)	193/1852 (10%)	84/514 (16%)

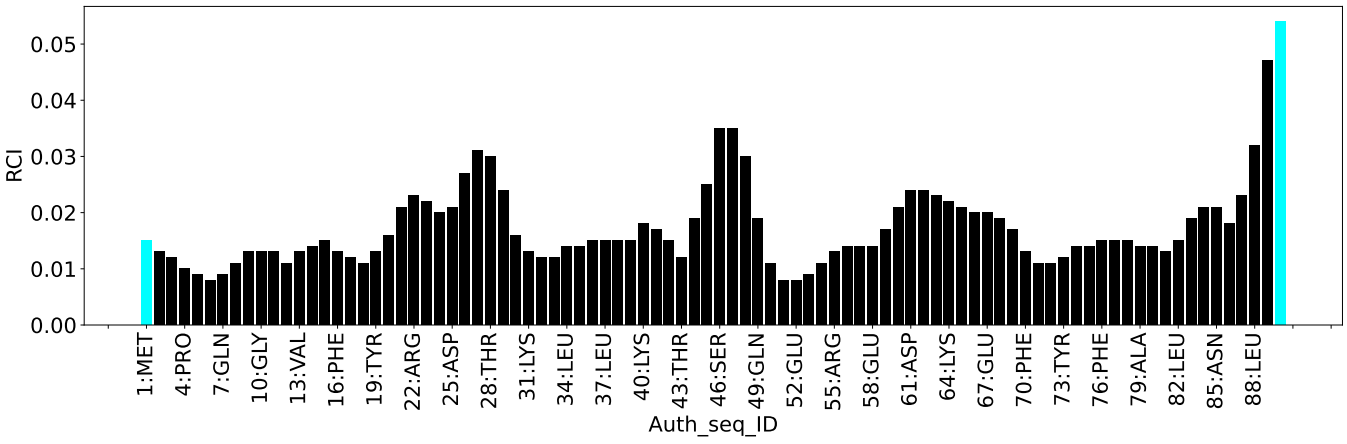
7.1.4 Statistically unusual chemical shifts

There are no statistically unusual chemical shifts.

7.1.5 Random Coil Index (RCI) plots

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

Random coil index (RCI) for chain B:



7.2 Chemical shift list 2

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_2*

7.2.1 Bookkeeping

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

Total number of shifts	32
Number of shifts mapped to atoms	32
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.2.2 Chemical shift referencing

No chemical shift referencing corrections were calculated (not enough data).

7.2.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 1%, i.e. 32 atoms were assigned a chemical shift out of a possible 5290. 0 out of 64 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	**^{1}H**	**^{13}C**	**^{15}N**
Backbone	20/1892 (1%)	7/772 (1%)	6/760 (1%)	7/360 (2%)
Sidechain	12/3104 (0%)	0/2010 (0%)	12/954 (1%)	0/140 (0%)
Aromatic	0/294 (0%)	0/142 (0%)	0/138 (0%)	0/14 (0%)
Overall	32/5290 (1%)	7/2924 (0%)	18/1852 (1%)	7/514 (1%)

7.2.4 Statistically unusual chemical shifts

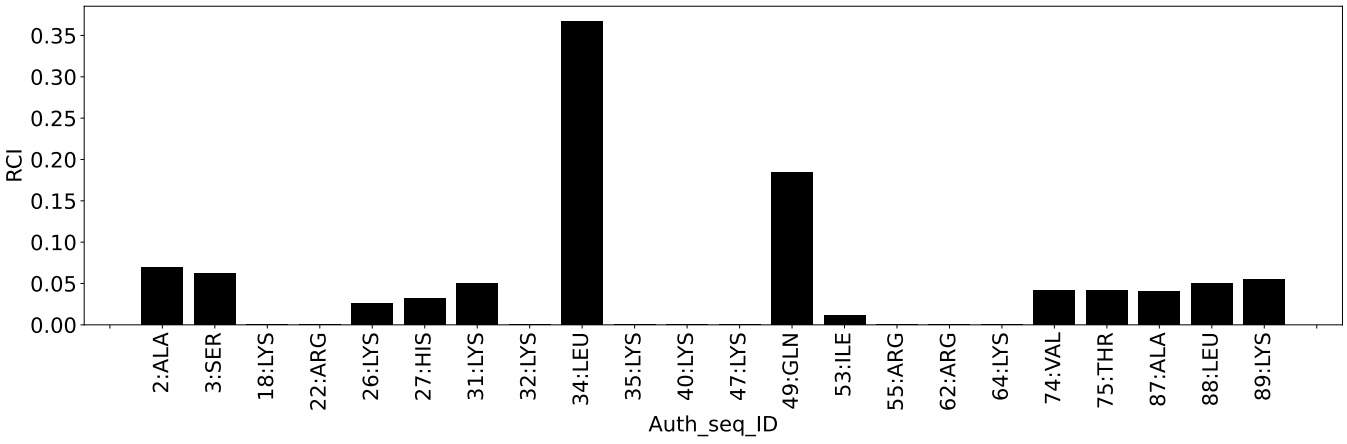
There are no statistically unusual chemical shifts.

7.2.5 Random Coil Index (RCI) plots

The image below reports *random coil index* values for the protein chains in the structure. The height of each bar gives a probability of a given residue to be disordered, as predicted from the available chemical shifts and the amino acid sequence. A value above 0.2 is an indication of significant predicted disorder. The colour of the bar shows whether the residue is in the well-defined core (black) or in the ill-defined residue ranges (cyan), as described in section 2 on ensemble

composition.If well-defined core and ill-defined regions are not identified then it is shown as gray bars.

Random coil index (RCI) for chain B:



7.3 Chemical shift list 3

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_3*

7.3.1 Bookkeeping

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

Total number of shifts	23
Number of shifts mapped to atoms	23
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.3.2 Chemical shift referencing

No chemical shift referencing corrections were calculated (not enough data).

7.3.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 0%, i.e. 23 atoms were assigned a chemical

shift out of a possible 5290. 0 out of 64 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	11/1892 (1%)	4/772 (1%)	3/760 (0%)	4/360 (1%)
Sidechain	12/3104 (0%)	0/2010 (0%)	12/954 (1%)	0/140 (0%)
Aromatic	0/294 (0%)	0/142 (0%)	0/138 (0%)	0/14 (0%)
Overall	23/5290 (0%)	4/2924 (0%)	15/1852 (1%)	4/514 (1%)

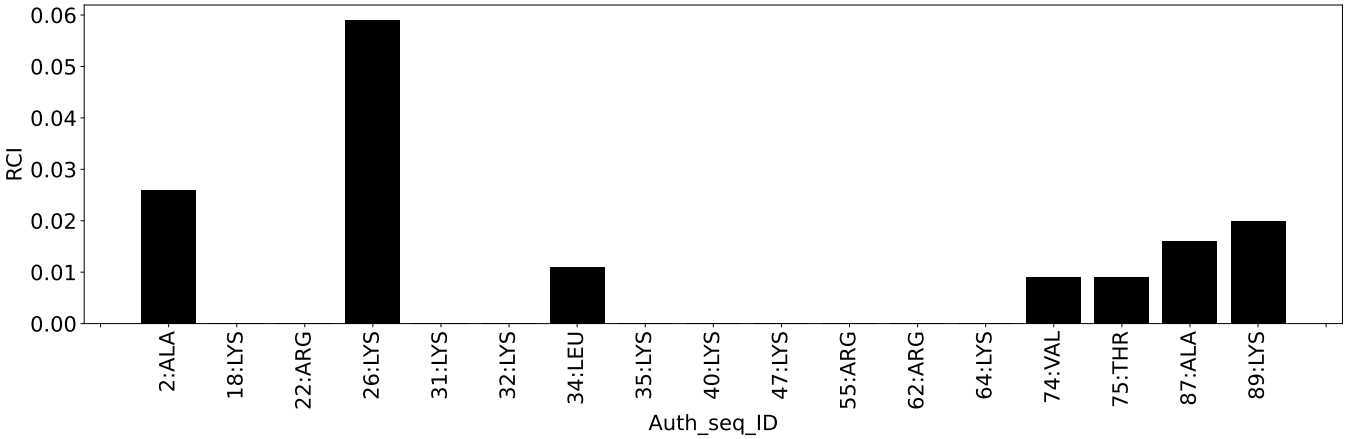
7.3.4 Statistically unusual chemical shifts (i)

There are no statistically unusual chemical shifts.

7.3.5 Random Coil Index (RCI) plots (i)

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

Random coil index (RCI) for chain B:



7.4 Chemical shift list 4

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_4*

7.4.1 Bookkeeping

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

Total number of shifts	14
Number of shifts mapped to atoms	14
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.4.2 Chemical shift referencing

No chemical shift referencing corrections were calculated (not enough data).

7.4.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 0%, i.e. 14 atoms were assigned a chemical shift out of a possible 5290. 0 out of 64 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	2/1892 (0%)	1/772 (0%)	0/760 (0%)	1/360 (0%)
Sidechain	12/3104 (0%)	0/2010 (0%)	12/954 (1%)	0/140 (0%)
Aromatic	0/294 (0%)	0/142 (0%)	0/138 (0%)	0/14 (0%)
Overall	14/5290 (0%)	1/2924 (0%)	12/1852 (1%)	1/514 (0%)

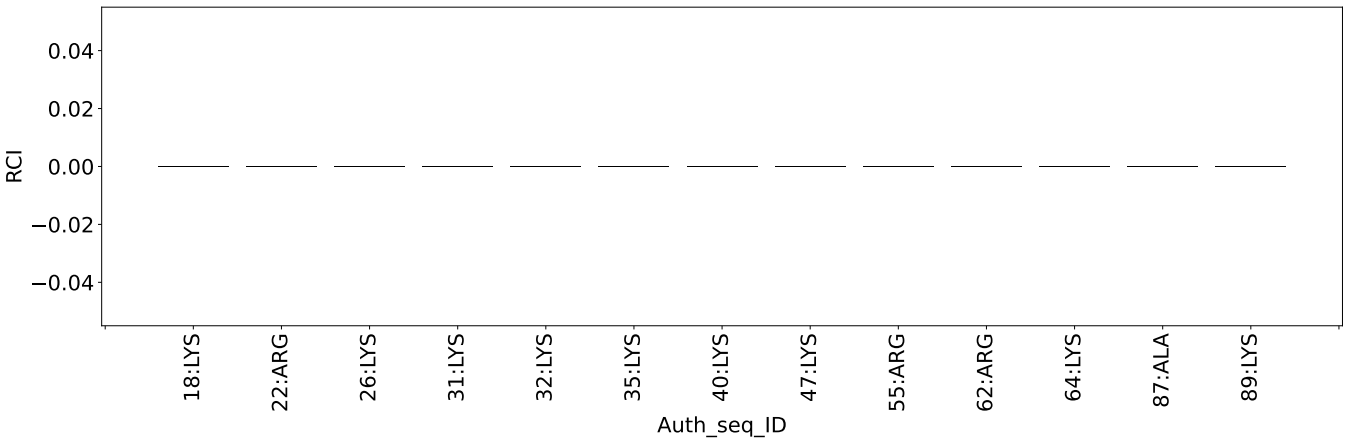
7.4.4 Statistically unusual chemical shifts

There are no statistically unusual chemical shifts.

7.4.5 Random Coil Index (RCI) plots

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

Random coil index (RCI) for chain B:



7.5 Chemical shift list 5

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_5*

7.5.1 Bookkeeping

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

Total number of shifts	9
Number of shifts mapped to atoms	9
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.5.2 Chemical shift referencing

No chemical shift referencing corrections were calculated (not enough data).

7.5.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 0%, i.e. 9 atoms were assigned a chemical shift out of a possible 5290. 0 out of 64 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	0/1892 (0%)	0/772 (0%)	0/760 (0%)	0/360 (0%)

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	Total	^{1}H	^{13}C	^{15}N
Sidechain	9/3104 (0%)	0/2010 (0%)	9/954 (1%)	0/140 (0%)
Aromatic	0/294 (0%)	0/142 (0%)	0/138 (0%)	0/14 (0%)
Overall	9/5290 (0%)	0/2924 (0%)	9/1852 (0%)	0/514 (0%)

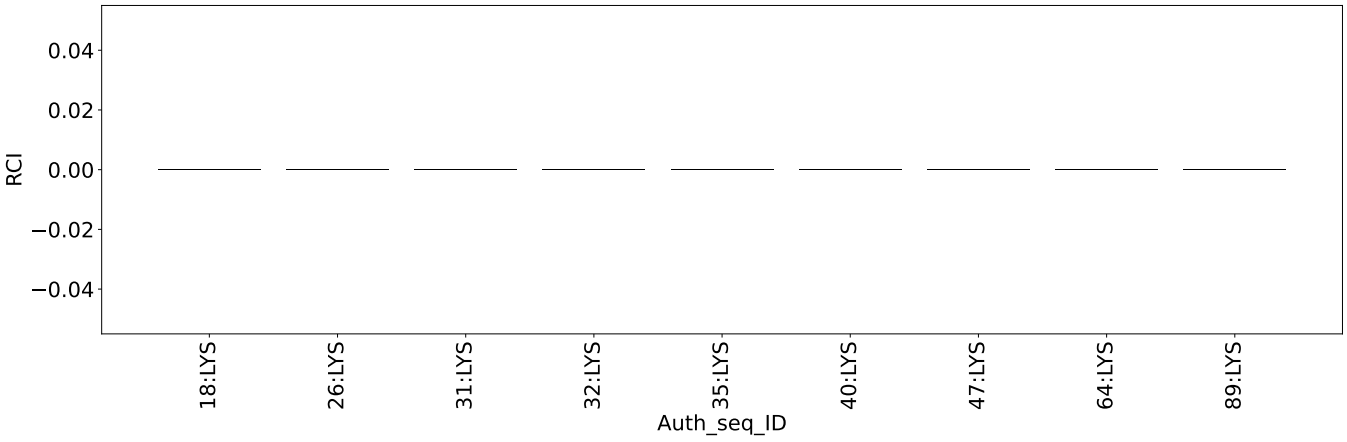
7.5.4 Statistically unusual chemical shifts (i)

There are no statistically unusual chemical shifts.

7.5.5 Random Coil Index (RCI) plots (i)

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

Random coil index (RCI) for chain B:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

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

Description	Value
Total distance restraints	15
Intra-residue (|i-j|=0)	0
Sequential (|i-j|=1)	0
Medium range (|i-j|>1 and |i-j|<5)	0
Long range (|i-j|≥5)	0
Inter-chain	15
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.0
Number of long range restraints per residue[1]	0.0

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

8.2 Residual restraint violations

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

8.2.1 Average number of distance violations per model

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

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	0.1	0.12
0.2-0.5 (Medium)	None	None
>0.5 (Large)	6.0	9.46

8.2.2 Average number of dihedral-angle violations per model (i)

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

9 Distance violation analysis (i)

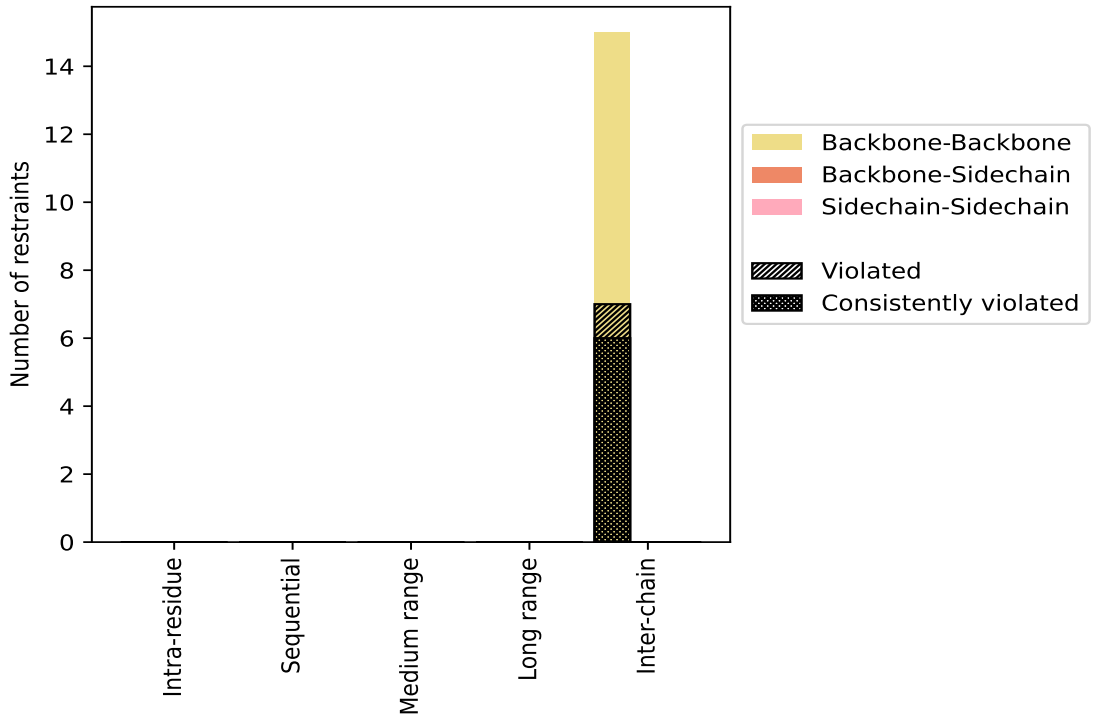
9.1 Summary of distance violations (i)

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

Restraints type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
Intra-residue (|i-j|=0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (|i-j|=1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (|i-j|>1 & |i-j|<5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (|i-j|≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	15	100.0	7	46.7	46.7	6	40.0	40.0
Backbone-Backbone	15	100.0	7	46.7	46.7	6	40.0	40.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	15	100.0	7	46.7	46.7	6	40.0	40.0
Backbone-Backbone	15	100.0	7	46.7	46.7	6	40.0	40.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0

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

9.1.1 Bar chart : Distribution of distance restraints and violations



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

9.2 Distance violation statistics for each model

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

Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
1	0	0	0	0	6	6	3.62	9.29	3.16	2.28
2	0	0	0	0	6	6	3.68	8.83	2.85	2.55
3	0	0	0	0	6	6	3.62	9.01	3.02	2.33
4	0	0	0	0	6	6	3.62	9.06	3.04	2.37
5	0	0	0	0	6	6	3.67	8.97	2.92	2.46
6	0	0	0	0	6	6	3.68	9.15	3.03	2.43
7	0	0	0	0	6	6	3.63	9.18	3.09	2.3
8	0	0	0	0	6	6	3.77	9.21	3.02	2.48
9	0	0	0	0	6	6	3.7	9.08	2.97	2.48
10	0	0	0	0	6	6	3.64	9.17	3.07	2.38
11	0	0	0	0	6	6	3.89	9.17	2.92	2.64

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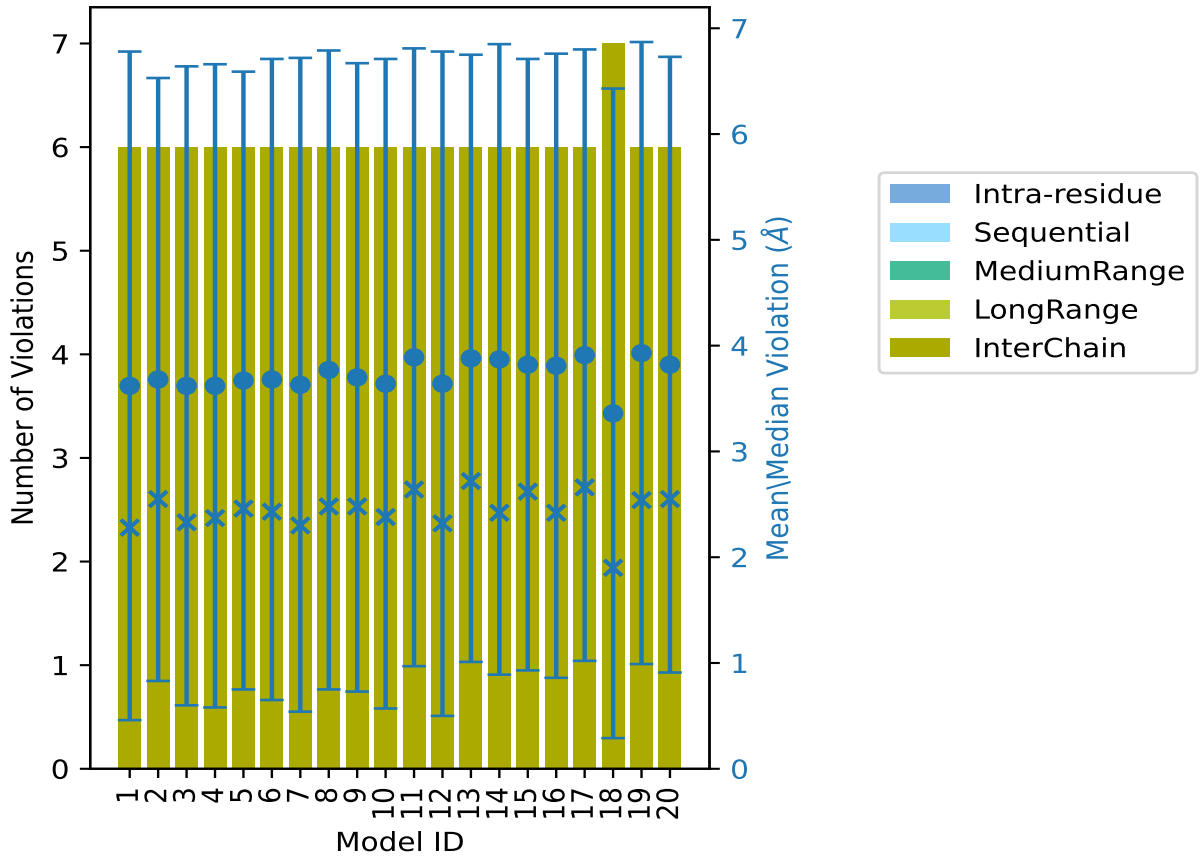
Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
12	0	0	0	0	6	6	3.64	9.46	3.14	2.32
13	0	0	0	0	6	6	3.88	9.2	2.87	2.72
14	0	0	0	0	6	6	3.87	9.25	2.98	2.42
15	0	0	0	0	6	6	3.82	9.14	2.89	2.62
16	0	0	0	0	6	6	3.81	9.3	2.95	2.42
17	0	0	0	0	6	6	3.91	9.23	2.89	2.66
18	0	0	0	0	7	7	3.36	9.41	3.07	1.9
19	0	0	0	0	6	6	3.93	9.37	2.94	2.54
20	0	0	0	0	6	6	3.82	9.12	2.91	2.55

[1]Intra-residue restraints, [2]Sequential restraints, [3]Medium range restraints, [4]Long range restraints, [5]Inter-chain restraints, [6]Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model



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

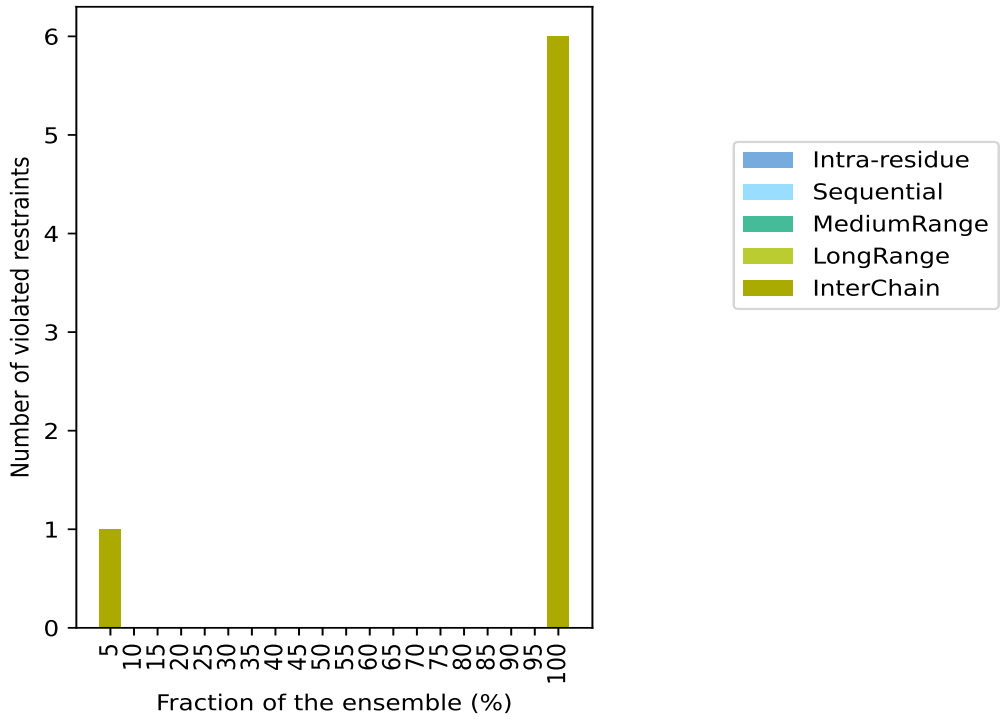
9.3 Distance violation statistics for the ensemble (i)

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 8(IR:0, SQ:0, MR:0, LR:0, IC:8) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
0	0	0	0	1	1	1	5.0
0	0	0	0	0	0	2	10.0
0	0	0	0	0	0	3	15.0
0	0	0	0	0	0	4	20.0
0	0	0	0	0	0	5	25.0
0	0	0	0	0	0	6	30.0
0	0	0	0	0	0	7	35.0
0	0	0	0	0	0	8	40.0
0	0	0	0	0	0	9	45.0
0	0	0	0	0	0	10	50.0
0	0	0	0	0	0	11	55.0
0	0	0	0	0	0	12	60.0
0	0	0	0	0	0	13	65.0
0	0	0	0	0	0	14	70.0
0	0	0	0	0	0	15	75.0
0	0	0	0	0	0	16	80.0
0	0	0	0	0	0	17	85.0
0	0	0	0	0	0	18	90.0
0	0	0	0	0	0	19	95.0
0	0	0	0	6	6	20	100.0

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

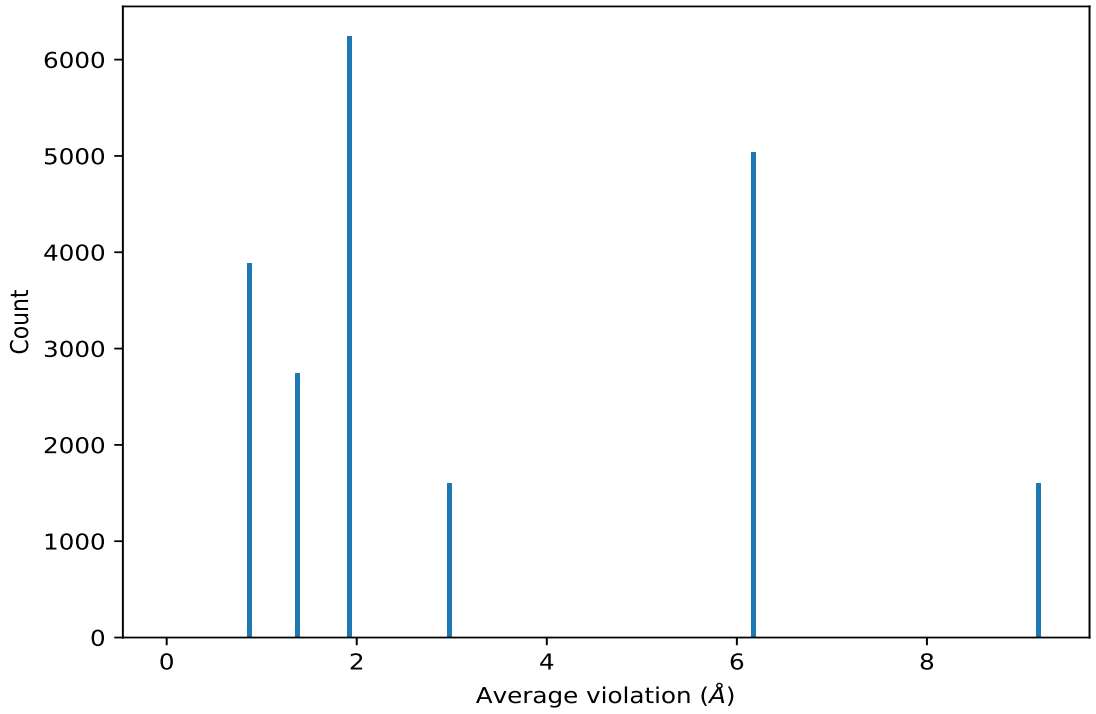
9.3.1 Bar graph : Distance violation statistics for the ensemble



9.4 Most violated distance restraints in the ensemble

9.4.1 Histogram : Distribution of mean distance violations

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



9.4.2 Table: Most violated distance restraints

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

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	20	9.18	0.15	9.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	20	9.18	0.15	9.18
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	20	9.18	0.15	9.18
(1,8)	1:B:89:LYS:C	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HD3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:HG3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:C	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:CE	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:C	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HG3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HD3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:C	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:HE21	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HD11	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:HH2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:HD22	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:105:ASN:OD1	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CA	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CA	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HE2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HH11	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:50:GLU:OE2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CB	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:HH22	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HG3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CB	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:N	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HD22	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:NE1	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CD	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:103:ASN:OD1	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:106:GLY:HA2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CD	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CD	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HZ1	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:N	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CD1	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:HE3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CE	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:NH2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CE	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:N	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CE	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:C	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:49:LEU:O	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:CB	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:CD	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:C	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:CG	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:44:LYS:NZ	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:H	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:48:ARG:O	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:H	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CG	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:102:MET:O	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:H	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:CB	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:H	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:H	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:CA	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:CG	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:CD	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HA	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:CE	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HA	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:CB	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:CD1	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:H	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:CB	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB2	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:CG	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:C	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HD3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HB3	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:HA	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HA	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:HD1	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:N	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD2	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HB3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HE	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:N	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:CG	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HH11	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HE2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HD3	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:HE22	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HD12	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:HZ2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:N	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:106:GLY:C	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE2	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE2	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HE3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HH12	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:C	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:HB3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:N	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HZ1	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HE3	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:NE2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HD23	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:51:TRP:O	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:C	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:106:GLY:HA3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG2	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG2	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HZ2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:NE	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CD2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:HG2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:104:ARG:O	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:NZ	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HG3	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:CA	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:C	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:H	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:CG	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:CA	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ1	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:44:LYS:O	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:C	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CH2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:102:MET:SD	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:CG	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ2	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:CB	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:CZ	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:CG	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:HB3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:CG	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:HZ3	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:CD	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:N	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:CD2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:N	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:HA	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:N	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:CG	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:N	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:HB3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:N	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:N	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:H	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HB3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:HB3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:CA	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HE	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HB3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:NZ	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:44:LYS:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:O	2:A:47:GLN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:HE21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:HE22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:NE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:47:GLN:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:48:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HB2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HD11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HD12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HD13	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HD23	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:HG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:49:LEU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:OE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:50:GLU:OE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:CZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:HD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:HE1	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:O	2:A:51:TRP:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:HH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:NE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:51:TRP:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:HB1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:101:ALA:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:HE1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:102:MET:SD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:HB3	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:O	2:A:103:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:ND2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:103:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:CZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HH11	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HH12	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HH21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:HH22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:NE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:NH1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:NH2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:104:ARG:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:HD21	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:HD22	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:ND2	20	6.17	0.13	6.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:B:89:LYS:O	2:A:105:ASN:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:105:ASN:OD1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:106:GLY:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:106:GLY:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:106:GLY:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:106:GLY:HA2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:106:GLY:HA3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:106:GLY:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:106:GLY:O	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:C	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:CA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:CB	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:CD	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:CE	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:CG	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:H	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HA	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HB2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HB3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HD2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HD3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HE2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HE3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HG2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HG3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HZ1	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HZ2	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:HZ3	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:N	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:NZ	20	6.17	0.13	6.2
(1,8)	1:B:89:LYS:O	2:A:107:LYS:O	20	6.17	0.13	6.2
(1,1)	1:B:24:GLY:C	2:A:44:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HD2	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:44:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:HE21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:HE22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:NE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:47:GLN:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HG2	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:48:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HD11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HD12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HD13	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HD23	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:HG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:49:LEU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:O	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:C	2:A:50:GLU:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:50:GLU:OE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:CZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:HD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:HH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:NE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:51:TRP:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:HB1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:101:ALA:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:H	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:C	2:A:102:MET:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:102:MET:SD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:103:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HH12	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:104:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:105:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:106:GLY:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:106:GLY:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:106:GLY:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:106:GLY:HA2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:106:GLY:HA3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:106:GLY:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:106:GLY:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HE3	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:C	2:A:107:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:44:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:HE21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:HE22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:HG2	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:NE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:47:GLN:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:48:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HD11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HD12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HD13	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HD23	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:HG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:49:LEU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:50:GLU:OE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:CZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:HD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:HH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:HZ3	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:NE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:51:TRP:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:HB1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:101:ALA:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:102:MET:SD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:ND2	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:103:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:104:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:105:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:106:GLY:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:106:GLY:CA	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:CA	2:A:106:GLY:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:106:GLY:HA2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:106:GLY:HA3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:106:GLY:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:106:GLY:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:CA	2:A:107:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HG2	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:44:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:HE21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:HE22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:NE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:47:GLN:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HH21	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:H	2:A:48:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:48:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HD11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HD12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HD13	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HD23	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:HG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:49:LEU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:50:GLU:OE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CA	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:CZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:HD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:HH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:NE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:51:TRP:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:HB1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:101:ALA:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:HE1	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:H	2:A:102:MET:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:102:MET:SD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:103:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:NE	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:H	2:A:104:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:104:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:105:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:106:GLY:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:106:GLY:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:106:GLY:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:106:GLY:HA2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:106:GLY:HA3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:106:GLY:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:106:GLY:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HZ2	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:H	2:A:107:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:H	2:A:107:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:44:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:HE21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:HE22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:NE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:O	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA2	2:A:47:GLN:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:48:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HD11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HD12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HD13	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HD23	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:HG	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:49:LEU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:50:GLU:OE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:CZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:HD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:HH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:NE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:51:TRP:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:C	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:HB1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:101:ALA:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:102:MET:SD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:103:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:CA	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:104:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:105:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:106:GLY:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:106:GLY:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:106:GLY:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:106:GLY:HA2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:106:GLY:HA3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:106:GLY:N	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA2	2:A:106:GLY:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA2	2:A:107:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:HZ3	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:44:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:HE21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:HE22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:NE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:47:GLN:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:NH1	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:48:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HD11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HD12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HD13	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HD23	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:HG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:49:LEU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:50:GLU:OE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CE2	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:CZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:HD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:HH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:NE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:51:TRP:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:HB1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:101:ALA:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:HG3	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:102:MET:SD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:103:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:104:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:C	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:105:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:106:GLY:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:106:GLY:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:106:GLY:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:106:GLY:HA2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:106:GLY:HA3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:106:GLY:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:106:GLY:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:HA3	2:A:107:LYS:O	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:N	2:A:44:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:44:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:HE21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:HE22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:NE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:47:GLN:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:CB	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:N	2:A:48:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:48:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HD11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HD12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HD13	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HD23	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:HG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:49:LEU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:CA	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:N	2:A:50:GLU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:50:GLU:OE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:CZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:HD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:HH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:NE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:51:TRP:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:101:ALA:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:101:ALA:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:101:ALA:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:101:ALA:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:101:ALA:HA	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:N	2:A:101:ALA:HB1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:101:ALA:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:101:ALA:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:101:ALA:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:101:ALA:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:102:MET:SD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:103:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:CZ	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:N	2:A:104:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:104:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:105:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:106:GLY:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:106:GLY:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:106:GLY:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:106:GLY:HA2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:106:GLY:HA3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:106:GLY:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:106:GLY:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:CB	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:N	2:A:107:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:N	2:A:107:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:44:LYS:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:C	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:O	2:A:47:GLN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:HE21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:HE22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:NE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:47:GLN:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:48:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:CA	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:O	2:A:49:LEU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HD11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HD12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HD13	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HD23	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:HG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:49:LEU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:OE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:50:GLU:OE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CZ2	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:O	2:A:51:TRP:CZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:HD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:HH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:NE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:51:TRP:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:HB1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:101:ALA:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:HE1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:102:MET:SD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:C	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:O	2:A:103:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:103:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:CZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HH11	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HH12	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HH21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:HH22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:NE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:NH1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:NH2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:104:ARG:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:H	20	2.97	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1)	1:B:24:GLY:O	2:A:105:ASN:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:HD21	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:HD22	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:ND2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:105:ASN:OD1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:106:GLY:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:106:GLY:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:106:GLY:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:106:GLY:HA2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:106:GLY:HA3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:106:GLY:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:106:GLY:O	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:C	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:CA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:CB	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:CD	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:CE	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:CG	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:H	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HA	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HB2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HB3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HD2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HD3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HE2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HE3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HG2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HG3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HZ1	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HZ2	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:HZ3	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:N	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:NZ	20	2.97	0.22	2.96
(1,1)	1:B:24:GLY:O	2:A:107:LYS:O	20	2.97	0.22	2.96
(1,11)	2:A:48:ARG:C	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:CD	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:C	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:N	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:C	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:CG	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:C	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:C	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:HB	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:C	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:70:PHE:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:C	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:90:GLY:H	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:C	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:C	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:CG2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CA	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:N	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:67:GLU:OE2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:HB2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HZ1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CA	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:HB3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HD3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HG3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:CD1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HB2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CB	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:24:GLY:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:CD	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CD	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:HD22	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:C	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CD	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:OE1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CG	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:HB3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:63:ASN:OD1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:HB2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:HE21	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CG	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:H	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:28:THR:OG1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:65:ASP:OD2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:HG12	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:90:GLY:HA3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:CZ	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:CZ	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:H	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:NH1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:H	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:CG	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:H	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:H	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:HD1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:H	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:HZ3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:H	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:H	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HG2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HZ2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:HB3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:CE1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HD2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HA	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:CZ	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HB3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:C	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:ND2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:CB	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB2	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:24:GLY:C	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB3	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:HE21	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:CG	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:HG2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HB3	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:HB2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:HB3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:HG21	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:CD	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD2	1:B:90:GLY:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:HG1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:62:ARG:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:CG1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:HE1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:NZ	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HD3	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HD3	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:25:ASP:OD2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HE	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HH11	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:N	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:HG3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:CG	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HE2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HE	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:CG	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HD3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:CB	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:69:ASN:OD1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:CE	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG2	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:24:GLY:H	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG3	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:61:ASP:OD2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:CD	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:HG2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:N	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HG3	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:HG2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:CG	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:HD22	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:CD	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:HG23	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:H	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH11	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:HG22	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:HB3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:H	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:HZ	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:90:GLY:C	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH12	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH12	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HH21	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:64:LYS:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:H	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HG2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH21	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HB3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HE3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:CG	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:H	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:HH22	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:24:GLY:HA3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:N	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:N	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:CG	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:N	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:N	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:N	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:HB3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:N	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:71:GLN:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:N	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:N	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:N	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:ND2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:H	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:68:VAL:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:HB2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NE	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:CD	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:N	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:CG	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:HB	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:70:PHE:O	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:90:GLY:H	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH1	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH1	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:CG2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:N	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:CA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:67:GLU:OE2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:CD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:HB2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HZ1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:NH2	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:23:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:24:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:24:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:24:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:24:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:24:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:24:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:24:GLY:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:HB3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:O	1:B:25:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:25:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:HG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:28:THR:OG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:61:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HD3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HH11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HH12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HH21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:HH22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:NE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:NH1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:NH2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:62:ARG:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:63:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HG3	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:64:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:65:ASP:OD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:66:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:HA	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:O	1:B:67:GLU:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:67:GLU:OE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:CG1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:CG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:HB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:HG11	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:HG12	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:HG13	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:HG21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:HG22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:HG23	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:68:VAL:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:HD21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:HD22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:ND2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:69:ASN:OD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:CD1	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:O	1:B:70:PHE:CD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:CE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:CE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:CZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:HD1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:HE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:HZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:70:PHE:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:HB2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:HE21	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:HE22	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:NE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:71:GLN:OE1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:CB	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:CD	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:CE	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:CG	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HB2	20	1.95	0.09	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HB3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HD2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HD3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HE2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HE3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HG2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HG3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HZ1	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HZ2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:HZ3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:NZ	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:89:LYS:O	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:90:GLY:C	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:90:GLY:CA	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:90:GLY:H	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:90:GLY:HA2	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:90:GLY:HA3	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:90:GLY:N	20	1.95	0.09	1.94
(1,11)	2:A:48:ARG:O	1:B:90:GLY:O	20	1.95	0.09	1.94
(1,2)	1:B:25:ASP:C	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:44:LYS:O	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:C	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:C	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:C	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CH2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:102:MET:SD	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:C	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:CG	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:C	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:C	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:CB	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:CZ	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:CG	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:HB3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HB2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:CG	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CA	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:CD	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:CD2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:HA	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:CG	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:HB3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CB	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:H	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HB3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:HB3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:CA	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CG	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HE	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HB3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:CG	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:HB2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:H	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HB2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:HE1	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:H	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:HB3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:H	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:ND2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:H	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:H	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HD2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HG2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:O	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:H	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HA	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HH12	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HE3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HA	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:HG2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HD13	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:HZ3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:ND2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:106:GLY:CA	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB2	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB2	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HG2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HH21	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CA	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:HE1	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:NE	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HZ2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:HB3	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:47:GLN:O	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:N	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:HG	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:N	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:101:ALA:C	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:N	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:CA	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:N	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:106:GLY:N	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:N	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:N	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:HZ3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:O	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:NH1	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:O	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CE2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:HG3	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:O	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:C	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:O	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:O	2:A:107:LYS:O	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:CB	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:CA	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:HA	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:CZ	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:CB	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD1	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:44:LYS:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:C	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:HE21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:HE22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:NE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:47:GLN:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:48:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:CA	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HD11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HD12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HD13	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HD23	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:HG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:49:LEU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:OE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:50:GLU:OE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CZ2	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:CZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:HD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:HH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:NE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:51:TRP:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:HB1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:101:ALA:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:HE1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:102:MET:SD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:C	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:103:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:CZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HH11	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HH12	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HH21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:HH22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:NE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:NH1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:NH2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:104:ARG:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:H	20	1.36	0.54	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:HD21	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:HD22	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:ND2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:105:ASN:OD1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:106:GLY:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:106:GLY:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:106:GLY:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:106:GLY:HA2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:106:GLY:HA3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:106:GLY:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:106:GLY:O	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:C	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:CA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:CB	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:CD	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:CE	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:CG	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:H	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HA	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HB2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HB3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HD2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HD3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HE2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HE3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HG2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HG3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HZ1	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HZ2	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:HZ3	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:N	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:NZ	20	1.36	0.54	1.18
(1,2)	1:B:25:ASP:OD2	2:A:107:LYS:O	20	1.36	0.54	1.18
(1,6)	1:B:66:GLN:C	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:CD	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:C	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:H	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:H	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:C	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:101:ALA:N	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:C	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HB3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:H	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:C	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:CG	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:CG	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:HB2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:H	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:HD21	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CA	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HD2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:HG2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:CB	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CB	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HG2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HD2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CB	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:HB3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HB3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:HE3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:HD21	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:O	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CD	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CD	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HD3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HG3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:OE1	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CG	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:HA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CG	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HH21	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HG2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:CG	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:HG3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:H	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HD21	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:N	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:H	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:103:ASN:O	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:H	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:106:GLY:H	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:H	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:H	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HG3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:HH22	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CB	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:HE2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HA	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:NH1	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:HZ3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HA	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:47:GLN:OE1	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:N	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB2	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:CA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:CB	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:106:GLY:O	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB2	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:N	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:NH2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB3	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CE3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:N	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:CA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HB3	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:C	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:CD	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:CB	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:HB1	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:H	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:CD	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE21	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:CA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:CB	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:CZ3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:CA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:HA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HE22	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:CE	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:HA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:101:ALA:O	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HD2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG2	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:H	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:H	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:HB3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:HA	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:HD22	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:HG3	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HB2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HD3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:HG3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:N	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:CE	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:N	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HG3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HD3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:N	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:HE21	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HD11	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:HH2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:HD22	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:105:ASN:OD1	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:NE2	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:NE2	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HE2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HH11	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:50:GLU:OE2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:O	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:NE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:HB2	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:O	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:103:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:HH22	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:O	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:106:GLY:HA2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HG3	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:O	2:A:107:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:44:LYS:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:HE21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:HE22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:N	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:NE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:47:GLN:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:48:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HD11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HD12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HD13	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HD22	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HD23	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:HG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:49:LEU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:OE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:50:GLU:OE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:CZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:HD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:HH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:NE1	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:OE1	2:A:51:TRP:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:HB1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:101:ALA:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:HE1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:102:MET:SD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:103:ASN:OD1	20	0.89	0.11	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:CZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HH11	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HH12	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HH21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:HH22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:NE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:NH1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:NH2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:104:ARG:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:HD21	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:HD22	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:ND2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:105:ASN:OD1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:106:GLY:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:106:GLY:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:106:GLY:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:106:GLY:HA2	20	0.89	0.11	0.88

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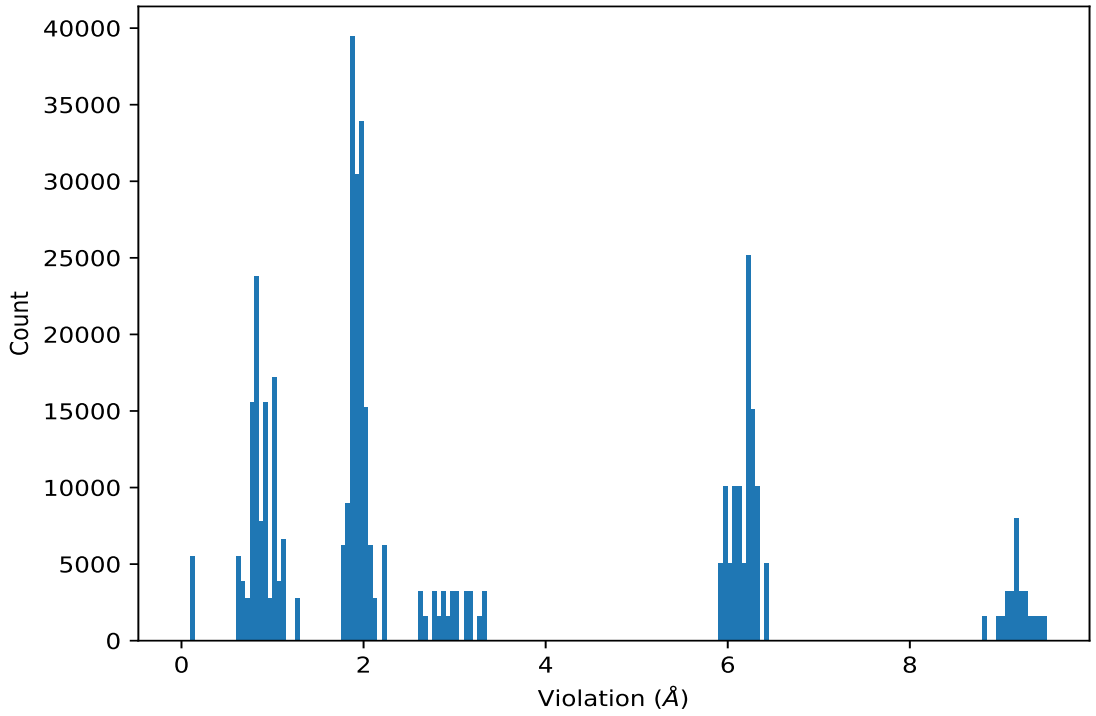
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,6)	1:B:66:GLN:OE1	2:A:106:GLY:HA3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:106:GLY:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:106:GLY:O	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:C	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:CA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:CB	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:CD	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:CE	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:CG	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:H	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HA	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HB2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HB3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HD2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HD3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HE2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HE3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HG2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HG3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HZ1	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HZ2	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:HZ3	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:N	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:NZ	20	0.89	0.11	0.88
(1,6)	1:B:66:GLN:OE1	2:A:107:LYS:O	20	0.89	0.11	0.88

[1]Number of violated models, [2]Standard deviation

9.5 All violated distance restraints (i)

9.5.1 Histogram : Distribution of distance violations (i)

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



9.5.2 Table : All distance violations (i)

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

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	12	9.46
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	12	9.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	12	9.46
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	12	9.46
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	18	9.41
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	18	9.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	18	9.41
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	18	9.41
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	19	9.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	19	9.37
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	19	9.37
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	16	9.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	16	9.3
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	16	9.3
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	1	9.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	1	9.29
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	1	9.29
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	14	9.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	14	9.25
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	14	9.25
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	17	9.23
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	17	9.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	17	9.23
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	17	9.23
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	8	9.21
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	8	9.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	8	9.21
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	8	9.21
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CB	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CD	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:CG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE21	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HE22	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:HG3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:NE2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:47:GLN:OE1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:CZ	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:48:ARG:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:48:ARG:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CD2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:CG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD11	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD12	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD13	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD21	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD22	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HD23	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:HG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:49:LEU:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CD	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:CG	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:50:GLU:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:HG3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:50:GLU:OE2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CD2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CE3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CH2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:CZ3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HD1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HE3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HH2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:HZ3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:NE1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:51:TRP:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:101:ALA:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:101:ALA:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:101:ALA:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:101:ALA:HB3	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:101:ALA:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:101:ALA:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:CE	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:CG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:HE3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:HG3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:102:MET:SD	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:103:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:104:ARG:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:105:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:106:GLY:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:106:GLY:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:106:GLY:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:106:GLY:HA3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:106:GLY:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:106:GLY:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:C	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:CG	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:C	2:A:107:LYS:H	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:N	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:C	2:A:107:LYS:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:44:LYS:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CD	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE21	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HE22	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:HG3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:NE2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:47:GLN:OE1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:48:ARG:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CD2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD11	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD12	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD13	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD21	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD22	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HD23	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:HG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:49:LEU:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CD	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:HG3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:50:GLU:OE2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CD2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CE3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CH2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:CZ3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HA	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HD1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HE3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HH2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:HZ3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:NE1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:51:TRP:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:101:ALA:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CE	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HE3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:HG3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:102:MET:SD	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:CG	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:103:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:104:ARG:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HB3	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:105:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:HA3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:106:GLY:O	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:C	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:H	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:N	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:CA	2:A:107:LYS:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:H	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:H	2:A:44:LYS:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CD	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HB3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE21	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HE22	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:HG3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:NE2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:47:GLN:OE1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HB3	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:48:ARG:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CD2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HB3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD11	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD12	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD13	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD21	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD22	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HD23	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:HG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:49:LEU:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CD	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HB3	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:HG3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:50:GLU:OE2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CD2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CE3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CH2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:CZ3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HB3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HD1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HE3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HH2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:HZ3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:NE1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:51:TRP:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:HB3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:101:ALA:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:CA	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:102:MET:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:CE	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:HB3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:HE3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:HG3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:102:MET:SD	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:103:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HE	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:104:ARG:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:105:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:106:GLY:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:106:GLY:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:106:GLY:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:106:GLY:HA3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:106:GLY:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:106:GLY:O	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:C	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:H	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HB3	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:N	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:H	2:A:107:LYS:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:44:LYS:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CD	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE21	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HE22	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:HG3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:NE2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:47:GLN:OE1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:48:ARG:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CD2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD11	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD12	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD13	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD21	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD22	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HD23	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:HG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:49:LEU:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CD	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:HG3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:50:GLU:OE2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CD2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CE3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CH2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:CZ3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HD1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE1	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HE3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HH2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:HZ3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:NE1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:51:TRP:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:101:ALA:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CE	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HE3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:HG3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:102:MET:SD	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HB3	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:103:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:104:ARG:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:ND2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:105:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:HA3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:106:GLY:O	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:C	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:H	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:N	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:HA2	2:A:107:LYS:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:44:LYS:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CD	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE21	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HE22	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:HG3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:NE2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:47:GLN:OE1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:48:ARG:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CD2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD11	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD12	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD13	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD21	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD22	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HD23	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:HG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:49:LEU:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CD	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:HG3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:O	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:50:GLU:OE2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CD2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CE3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CH2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:CZ3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HD1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HE3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HH2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:HZ3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:NE1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:51:TRP:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:101:ALA:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CE	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:H	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HE3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:HG3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:102:MET:SD	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:103:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH12	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:104:ARG:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:105:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:HA3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:106:GLY:O	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:C	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:H	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HE3	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:N	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:HA3	2:A:107:LYS:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:N	2:A:44:LYS:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CD	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE21	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HE22	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:47:GLN:HG3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:NE2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:47:GLN:OE1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:48:ARG:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CD2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD11	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD12	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD13	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD21	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD22	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HD23	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:HG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:49:LEU:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CD	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:HG3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:50:GLU:OE2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CD2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CE3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CH2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:CZ3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HD1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HE3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HH2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:HZ3	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:51:TRP:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:NE1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:51:TRP:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:101:ALA:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:CE	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:HE3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:HG3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:102:MET:SD	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:ND2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:103:ASN:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:103:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:104:ARG:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:105:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:106:GLY:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:106:GLY:CA	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:N	2:A:106:GLY:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:106:GLY:HA3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:106:GLY:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:106:GLY:O	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:C	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:H	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:N	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:N	2:A:107:LYS:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:O	2:A:44:LYS:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CD	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE21	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HE22	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:HG3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:NE2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:47:GLN:OE1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH21	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:48:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NE	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:48:ARG:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CD2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD11	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD12	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD13	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD21	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD22	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HD23	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:HG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:49:LEU:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CD	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:HG3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:50:GLU:OE2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CA	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CD2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CE3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CH2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:CZ3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HD1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HE3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HH2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:HZ3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:NE1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:51:TRP:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:101:ALA:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:CE	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE1	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:HE3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:HG3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:102:MET:SD	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:103:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CD	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:CZ	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HD3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HE	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HG3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH11	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH12	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH21	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:HH22	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NE	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:NH2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:104:ARG:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD21	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:HD22	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:ND2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:105:ASN:OD1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:106:GLY:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:106:GLY:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:106:GLY:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:106:GLY:HA3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:106:GLY:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:106:GLY:O	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:C	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CB	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CD	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CE	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:CG	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:H	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HA	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HB3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HD3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HE3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG2	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HG3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ1	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ2	13	9.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:B:90:GLY:O	2:A:107:LYS:HZ3	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:N	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:NZ	13	9.2
(1,9)	1:B:90:GLY:O	2:A:107:LYS:O	13	9.2
(1,9)	1:B:90:GLY:C	2:A:44:LYS:C	7	9.18

10 Dihedral-angle violation analysis (i)

No dihedral-angle restraints found