



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 9, 2026 – 09:05 AM UTC

PDB ID : 5JUI / pdb_00005jui
Title : domain-swapped dimer of the the KRT10-binding region (BR) of PsrP
Authors : Schulte, T.; Mikaelsson, C.; Achour, A.
Deposited on : 2016-05-10
Resolution : 2.10 Å(reported)

This is a Full wwPDB X-ray Structure Validation 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/XrayValidationReportHelp>

with specific help available everywhere you see the ⓘ 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 ⓘ](#)) were used in the production of this report:

MolProbity	:	4-5-2 with Phenix2.0
Mogul	:	2022.3.0, CSD as543be (2022)
Xtriage (Phenix)	:	2.0
EDS	:	3.0
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
CCP4	:	9.0.010 (Gargrove)
Density-Fitness	:	1.0.12
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.49

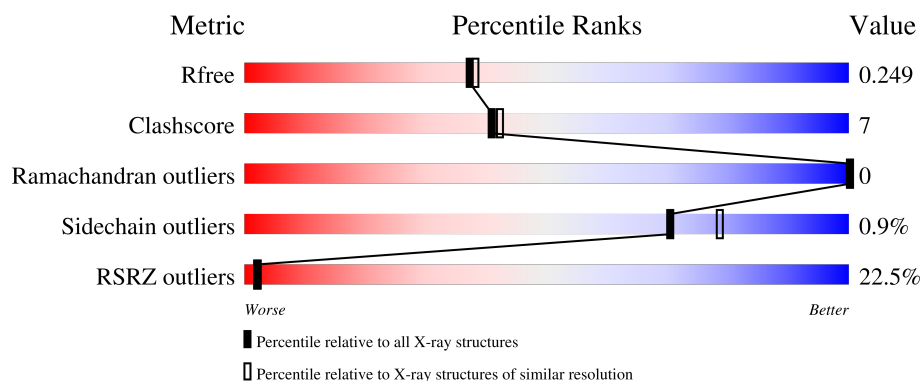
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 2.10 Å.

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)	Similar resolution (#Entries, resolution range(Å))
R_{free}	180053	6658 (2.10-2.10)
Clashscore	190562	7164 (2.10-2.10)
Ramachandran outliers	187476	7099 (2.10-2.10)
Sidechain outliers	187428	7100 (2.10-2.10)
RSRZ outliers	180081	6662 (2.10-2.10)

The table below summarises the geometric issues observed across the polymeric chains and their fit to the electron density. The red, orange, yellow and green segments of the lower bar indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria respectively. 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 $\leq 5\%$. The upper red bar (where present) indicates the fraction of residues that have poor fit to the electron density. The numeric value is given above the bar.

Mol	Chain	Length	Quality of chain
1	A	198	5% 81% 8% 11%
1	B	198	24% 73% 15% 12%
1	C	198	31% 76% 12% 12%

2 Entry composition

There are 4 unique types of molecules in this entry. The entry contains 4236 atoms, of which 0 are hydrogens and 0 are deuteriums.

In the tables below, the ZeroOcc column contains the number of atoms modelled with zero occupancy, the AltConf column contains the number of residues with at least one atom in alternate conformation and the Trace column contains the number of residues modelled with at most 2 atoms.

- Molecule 1 is a protein called Cell wall surface anchor family protein.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
1	A	176	Total	C	N	O	S	0	2	0
			1354	854	223	273	4			
1	B	175	Total	C	N	O	S	0	0	0
			1337	842	221	270	4			
1	C	174	Total	C	N	O	S	0	0	0
			1331	839	220	268	4			

There are 18 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	183	HIS	-	expression tag	UNP A0A0H2URK1
A	184	HIS	-	expression tag	UNP A0A0H2URK1
A	185	HIS	-	expression tag	UNP A0A0H2URK1
A	186	HIS	-	expression tag	UNP A0A0H2URK1
A	187	HIS	-	expression tag	UNP A0A0H2URK1
A	188	HIS	-	expression tag	UNP A0A0H2URK1
B	183	HIS	-	expression tag	UNP A0A0H2URK1
B	184	HIS	-	expression tag	UNP A0A0H2URK1
B	185	HIS	-	expression tag	UNP A0A0H2URK1
B	186	HIS	-	expression tag	UNP A0A0H2URK1
B	187	HIS	-	expression tag	UNP A0A0H2URK1
B	188	HIS	-	expression tag	UNP A0A0H2URK1
C	183	HIS	-	expression tag	UNP A0A0H2URK1
C	184	HIS	-	expression tag	UNP A0A0H2URK1
C	185	HIS	-	expression tag	UNP A0A0H2URK1
C	186	HIS	-	expression tag	UNP A0A0H2URK1
C	187	HIS	-	expression tag	UNP A0A0H2URK1
C	188	HIS	-	expression tag	UNP A0A0H2URK1

- Molecule 2 is SODIUM ION (CCD ID: NA) (formula: Na).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
2	A	1	Total	Na	0	0
			1	1		

- Molecule 3 is GLYCEROL (CCD ID: GOL) (formula: $C_3H_8O_3$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
3	A	1	Total	C	O	0	0
			6	3	3		

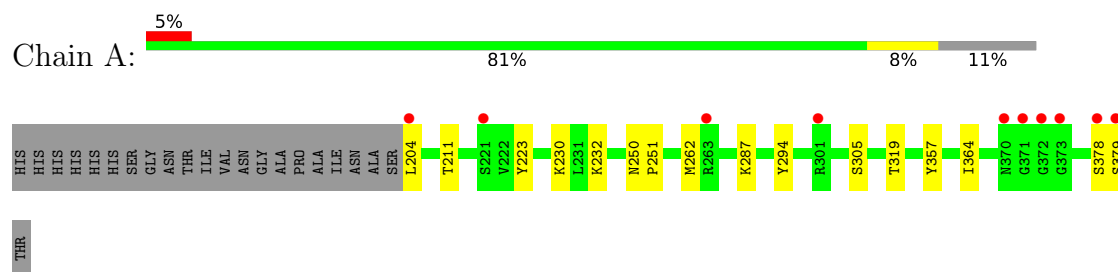
- Molecule 4 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
4	A	110	Total	O	0	0
			110	110		
4	B	42	Total	O	0	0
			42	42		
4	C	55	Total	O	0	0
			55	55		

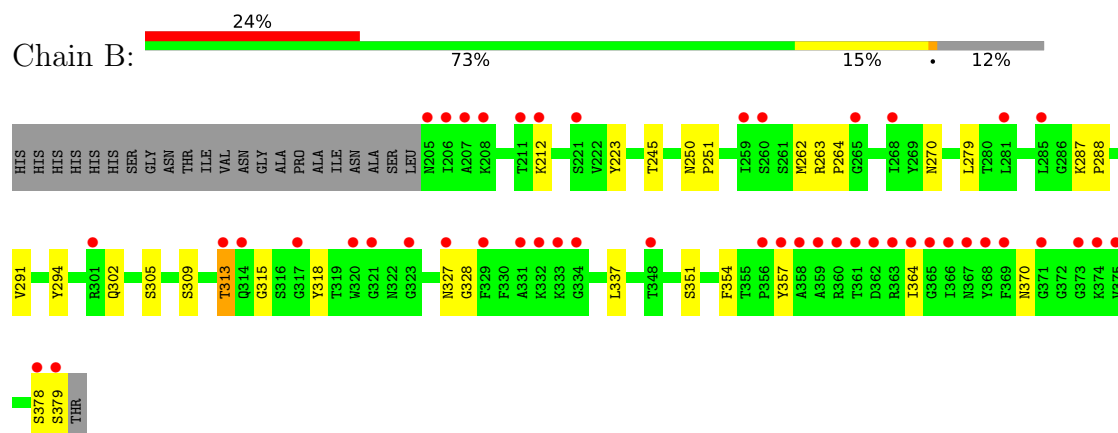
3 Residue-property plots [i](#)

These plots are drawn for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic for a chain summarises the proportions of the various outlier classes displayed in the second graphic. The second graphic shows the sequence view annotated by issues in geometry and electron density. Residues are color-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. A red dot above a residue indicates a poor fit to the electron density ($RSRZ > 2$). Stretches of 2 or more consecutive residues without any outlier are shown as a green connector. Residues present in the sample, but not in the model, are shown in grey.

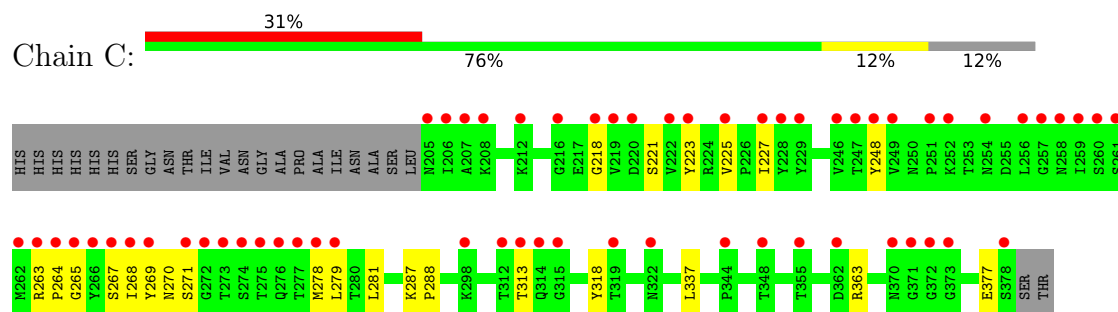
- Molecule 1: Cell wall surface anchor family protein



- Molecule 1: Cell wall surface anchor family protein



- Molecule 1: Cell wall surface anchor family protein



4 Data and refinement statistics

Property	Value	Source
Space group	C 2 2 21	Depositor
Cell constants a, b, c, α , β , γ	109.83Å 162.37Å 102.09Å 90.00° 90.00° 90.00°	Depositor
Resolution (Å)	48.36 – 2.10 48.36 – 2.10	Depositor EDS
% Data completeness (in resolution range)	100.0 (48.36-2.10) 96.2 (48.36-2.10)	Depositor EDS
R_{merge}	(Not available)	Depositor
R_{sym}	0.06	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.69 (at 2.10Å)	Xtriage
Refinement program	PHENIX 1.8.1_1168	Depositor
R, R_{free}	0.211 , 0.244 0.218 , 0.249	Depositor DCC
R_{free} test set	2716 reflections (5.08%)	wwPDB-VP
Wilson B-factor (Å ²)	46.9	Xtriage
Anisotropy	0.081	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.33 , 61.8	EDS
L-test for twinning ²	$\langle L \rangle = 0.49$, $\langle L^2 \rangle = 0.32$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.95	EDS
Total number of atoms	4236	wwPDB-VP
Average B, all atoms (Å ²)	65.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 4.76% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

²Theoretical values of $\langle |L| \rangle$, $\langle L^2 \rangle$ for acentric reflections are 0.5, 0.333 respectively for untwinned datasets, and 0.375, 0.2 for perfectly twinned datasets.

5 Model quality

5.1 Standard geometry

Bond lengths and bond angles in the following residue types are not validated in this section: GOL, NA

The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 5$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	$\# Z > 5$	RMSZ	$\# Z > 5$
1	A	0.32	0/1389	0.73	0/1886
1	B	0.30	0/1366	0.77	0/1854
1	C	0.32	0/1360	0.74	0/1846
All	All	0.31	0/4115	0.74	0/5586

There are no bond length outliers.

There are no bond angle outliers.

There are no chirality outliers.

There are no planarity outliers.

5.2 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 the 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 within the asymmetric unit, whereas Symm-Clashes lists symmetry-related clashes.

Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
1	A	1354	0	1325	11	1
1	B	1337	0	1301	21	1
1	C	1331	0	1296	25	0
2	A	1	0	0	0	0
3	A	6	0	8	1	0
4	A	110	0	0	7	1
4	B	42	0	0	3	0
4	C	55	0	0	21	0
All	All	4236	0	3930	52	2

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 7.

All (52) close contacts within the same asymmetric unit are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:C:270:ASN:OD1	4:C:401:HOH:O	1.82	0.95
1:C:223:TYR:OH	4:C:402:HOH:O	1.96	0.82
1:C:270:ASN:N	4:C:410:HOH:O	2.15	0.77
1:C:264:PRO:O	4:C:403:HOH:O	2.01	0.77
1:A:378:SER:HB3	1:A:379:SER:HA	1.66	0.77
1:C:279:LEU:O	4:C:404:HOH:O	2.06	0.73
1:C:288:PRO:O	4:C:405:HOH:O	2.07	0.73
1:B:378:SER:HB3	1:B:379:SER:HA	1.71	0.71
1:C:248:TYR:OH	4:C:407:HOH:O	2.09	0.71
1:A:319[A]:THR:OG1	4:A:501:HOH:O	2.09	0.70
1:B:302:GLN:O	4:B:403:HOH:O	2.09	0.70
1:C:363:ARG:O	4:C:406:HOH:O	2.08	0.70
1:B:313:THR:HG22	1:B:315:GLY:H	1.57	0.70
1:B:245:THR:OG1	4:B:402:HOH:O	2.08	0.70
1:A:294:TYR:OH	4:A:502:HOH:O	2.10	0.69
1:B:294:TYR:OH	4:B:401:HOH:O	2.07	0.69
1:C:221:SER:OG	4:C:408:HOH:O	2.13	0.66
3:A:402:GOL:O1	4:A:503:HOH:O	2.13	0.64
1:C:269:TYR:OH	4:C:409:HOH:O	2.14	0.64
1:A:230:LYS:HE3	4:A:529:HOH:O	1.99	0.62
1:A:357:TYR:OH	1:A:364:ILE:O	2.17	0.59
1:B:212:LYS:NZ	1:C:377:GLU:OE2	2.37	0.57
1:C:269:TYR:HB3	4:C:410:HOH:O	2.06	0.55
1:A:211:THR:HG21	1:A:232:LYS:HE3	1.89	0.55
1:C:268:ILE:HG21	4:C:407:HOH:O	2.06	0.54
1:A:379:SER:N	4:A:505:HOH:O	2.31	0.54
1:B:279:LEU:O	1:C:318:TYR:N	2.44	0.51
1:B:328:GLY:N	4:C:403:HOH:O	2.46	0.48
1:B:223:TYR:CE1	1:B:262:MET:HA	2.48	0.48
1:C:267:SER:OG	4:C:411:HOH:O	2.20	0.47
1:B:327:ASN:HB3	4:C:411:HOH:O	2.14	0.47
1:C:271:SER:N	4:C:410:HOH:O	2.43	0.47
1:A:232:LYS:NZ	4:A:509:HOH:O	2.48	0.47
1:B:357:TYR:OH	1:B:364:ILE:O	2.24	0.46
1:A:223:TYR:CE1	1:A:262:MET:HA	2.52	0.45
1:A:287:LYS:O	4:A:504:HOH:O	2.21	0.44
1:C:263:ARG:N	4:C:402:HOH:O	2.32	0.44
1:B:354:PHE:HA	1:C:278:MET:O	2.18	0.43

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:B:337:LEU:HD23	1:C:270:ASN:HB3	2.00	0.43
1:C:265:GLY:HA3	4:C:446:HOH:O	2.18	0.43
1:B:318:TYR:HA	1:C:313:THR:HA	2.00	0.43
1:B:250:ASN:HA	1:B:251:PRO:HD3	1.89	0.42
1:C:281:LEU:C	4:C:413:HOH:O	2.62	0.42
1:C:218:GLY:C	1:C:227:ILE:HG22	2.44	0.42
1:B:270:ASN:HB3	1:C:337:LEU:HD23	2.00	0.42
1:B:351:SER:HB3	1:B:379:SER:C	2.45	0.42
1:B:263:ARG:HA	1:B:264:PRO:HD3	1.91	0.41
1:B:287:LYS:HA	1:B:288:PRO:HD3	1.92	0.41
1:B:318:TYR:N	4:C:404:HOH:O	2.53	0.41
1:A:250:ASN:HA	1:A:251:PRO:HD3	1.97	0.40
1:C:287:LYS:O	4:C:412:HOH:O	2.22	0.40
1:B:291:VAL:HB	1:B:309:SER:HB2	2.04	0.40

All (2) symmetry-related close contacts are listed below. The label for Atom-2 includes the symmetry operator and encoded unit-cell translations to be applied.

Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
4:A:594:HOH:O	4:A:599:HOH:O[4_555]	1.98	0.22
1:A:305:SER:OG	1:B:305:SER:OG[4_555]	2.17	0.03

5.3 Torsion angles [i](#)

5.3.1 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 X-ray entries followed by that with respect to entries of similar resolution.

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	A	176/198 (89%)	170 (97%)	6 (3%)	0	100	100
1	B	173/198 (87%)	168 (97%)	5 (3%)	0	100	100
1	C	172/198 (87%)	167 (97%)	5 (3%)	0	100	100
All	All	521/594 (88%)	505 (97%)	16 (3%)	0	100	100

There are no Ramachandran outliers to report.

5.3.2 Protein sidechains ⓘ

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

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	A	151/166 (91%)	150 (99%)	1 (1%)	76	83
1	B	148/166 (89%)	146 (99%)	2 (1%)	59	67
1	C	147/166 (89%)	146 (99%)	1 (1%)	76	83
All	All	446/498 (90%)	442 (99%)	4 (1%)	70	78

All (4) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	A	204	LEU
1	B	313	THR
1	B	370	ASN
1	C	225	VAL

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. All (2) such sidechains are listed below:

Mol	Chain	Res	Type
1	C	314	GLN
1	C	325	GLN

5.3.3 RNA ⓘ

There are no RNA molecules in this entry.

5.4 Non-standard residues in protein, DNA, RNA chains ⓘ

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

5.5 Carbohydrates

There are no oligosaccharides in this entry.

5.6 Ligand geometry

Of 2 ligands modelled in this entry, 1 is monoatomic - leaving 1 for Mogul analysis.

In the following table, the Counts columns list the number of bonds (or angles) for which Mogul statistics could be retrieved, the number of bonds (or angles) that are observed in the model and the number of bonds (or angles) that are defined in the Chemical Component Dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
3	GOL	A	402	-	5,5,5	0.36	0	5,5,5	0.37	0

In the following table, the Chirals column lists the number of chiral outliers, the number of chiral centers analysed, the number of these observed in the model and the number defined in the Chemical Component Dictionary. Similar counts are reported in the Torsion and Rings columns. '-' means no outliers of that kind were identified.

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
3	GOL	A	402	-	-	2/4/4/4	-

There are no bond length outliers.

There are no bond angle outliers.

There are no chirality outliers.

All (2) torsion outliers are listed below:

Mol	Chain	Res	Type	Atoms
3	A	402	GOL	O1-C1-C2-C3
3	A	402	GOL	O1-C1-C2-O2

There are no ring outliers.

1 monomer is involved in 1 short contact:

Mol	Chain	Res	Type	Clashes	Symm-Clashes
3	A	402	GOL	1	0

5.7 Other polymers [i](#)

There are no such residues in this entry.

5.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

6 Fit of model and data

6.1 Protein, DNA and RNA chains

In the following table, the column labelled ‘#RSRZ > 2’ contains the number (and percentage) of RSRZ outliers, followed by percent RSRZ outliers for the chain as percentile scores relative to all X-ray entries and entries of similar resolution. The OWAB column contains the minimum, median, 95th percentile and maximum values of the occupancy-weighted average B-factor per residue. The column labelled ‘Q < 0.9’ lists the number of (and percentage) of residues with an average occupancy less than 0.9.

Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
1	A	176/198 (88%)	0.31	10 (5%) 29 31	29, 44, 82, 126	2 (1%)
1	B	175/198 (88%)	1.51	47 (26%) 1 1	45, 71, 110, 138	0
1	C	174/198 (87%)	1.64	61 (35%) 1 1	42, 71, 113, 143	0
All	All	525/594 (88%)	1.15	118 (22%) 2 2	29, 63, 108, 143	2 (0%)

All (118) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	B	357	TYR	6.2
1	C	373	GLY	5.8
1	A	373	GLY	5.6
1	C	378	SER	5.5
1	B	364	ILE	5.4
1	C	260	SER	5.2
1	C	229	TYR	4.9
1	B	359	ALA	4.8
1	C	222	VAL	4.5
1	A	204	LEU	4.5
1	B	379	SER	4.5
1	B	361	THR	4.4
1	B	366	ILE	4.4
1	C	268	ILE	4.2
1	C	267	SER	4.2
1	C	227	ILE	4.1
1	B	360	ARG	4.1
1	B	369	PHE	4.1
1	A	379	SER	4.1
1	C	266	TYR	4.0
1	C	220	ASP	4.0
1	B	331	ALA	3.9
1	C	313	THR	3.9

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Mol	Chain	Res	Type	RSRZ
1	B	373	GLY	3.8
1	C	256	LEU	3.8
1	C	269	TYR	3.7
1	C	219	VAL	3.7
1	B	327	ASN	3.7
1	C	261	SER	3.7
1	C	212	LYS	3.6
1	C	371	GLY	3.6
1	C	251	PRO	3.5
1	C	223	TYR	3.4
1	B	371	GLY	3.4
1	C	315	GLY	3.4
1	C	259	ILE	3.4
1	B	206	ILE	3.3
1	C	348	THR	3.3
1	A	371	GLY	3.2
1	B	333	LYS	3.2
1	C	370	ASN	3.2
1	B	368	TYR	3.2
1	C	278	MET	3.2
1	A	370	ASN	3.2
1	C	275	THR	3.1
1	C	264	PRO	3.1
1	B	332	LYS	3.1
1	B	362	ASP	3.1
1	C	271	SER	3.1
1	C	265	GLY	3.0
1	B	329	PHE	3.0
1	C	314	GLN	3.0
1	C	322	ASN	2.9
1	C	216	GLY	2.9
1	B	348	THR	2.9
1	B	378	SER	2.9
1	C	225	VAL	2.9
1	C	246	VAL	2.9
1	C	254	ASN	2.9
1	C	208	LYS	2.8
1	B	365	GLY	2.8
1	C	362	ASP	2.8
1	C	274	SER	2.8
1	C	257	GLY	2.8
1	B	358	ALA	2.8

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Mol	Chain	Res	Type	RSRZ
1	C	263	ARG	2.7
1	B	314	GLN	2.7
1	B	212	LYS	2.7
1	B	207	ALA	2.7
1	B	367	ASN	2.7
1	A	378	SER	2.7
1	B	208	LYS	2.7
1	C	298	LYS	2.6
1	B	363	ARG	2.6
1	A	372	GLY	2.5
1	B	268	ILE	2.5
1	B	375	VAL	2.5
1	C	248	TYR	2.5
1	A	301	ARG	2.5
1	C	228	TYR	2.4
1	C	247	THR	2.4
1	C	312	THR	2.4
1	B	321	GLY	2.4
1	B	281	LEU	2.4
1	B	323	GLY	2.4
1	B	259	ILE	2.4
1	C	372	GLY	2.4
1	A	263	ARG	2.4
1	B	301	ARG	2.4
1	C	249	VAL	2.4
1	B	356	PRO	2.4
1	C	207	ALA	2.3
1	C	205	ASN	2.3
1	C	272	GLY	2.3
1	B	221	SER	2.3
1	C	273	THR	2.3
1	C	355	THR	2.3
1	B	205	ASN	2.3
1	C	252	LYS	2.3
1	C	262	MET	2.3
1	B	374	LYS	2.2
1	C	206	ILE	2.2
1	B	265	GLY	2.2
1	C	258	ASN	2.2
1	A	221	SER	2.2
1	B	313	THR	2.2
1	C	277	THR	2.2

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Mol	Chain	Res	Type	RSRZ
1	C	276	GLN	2.1
1	C	279	LEU	2.1
1	B	211	THR	2.1
1	C	344	PRO	2.1
1	C	218	GLY	2.1
1	B	285	LEU	2.1
1	B	320	TRP	2.1
1	C	319	THR	2.0
1	B	334	GLY	2.0
1	B	260	SER	2.0
1	B	317	GLY	2.0

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

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

6.3 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

6.4 Ligands [i](#)

In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists the number of atoms with occupancy less than 0.9.

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
3	GOL	A	402	6/6	0.83	0.20	59,66,97,103	0
2	NA	A	401	1/1	0.90	0.23	85,85,85,85	0

6.5 Other polymers [i](#)

There are no such residues in this entry.