



Full wwPDB X-ray Structure Validation Report ⓘ

Apr 25, 2026 – 07:07 PM EDT

PDB ID : 5TJ8 / pdb_00005tj8
Title : Structure of WWP2 WW2-2,3-linker-HECT (no WW2 observed)
Authors : Chen, Z.; Gabelli, S.B.
Deposited on : 2016-10-03
Resolution : 2.30 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
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

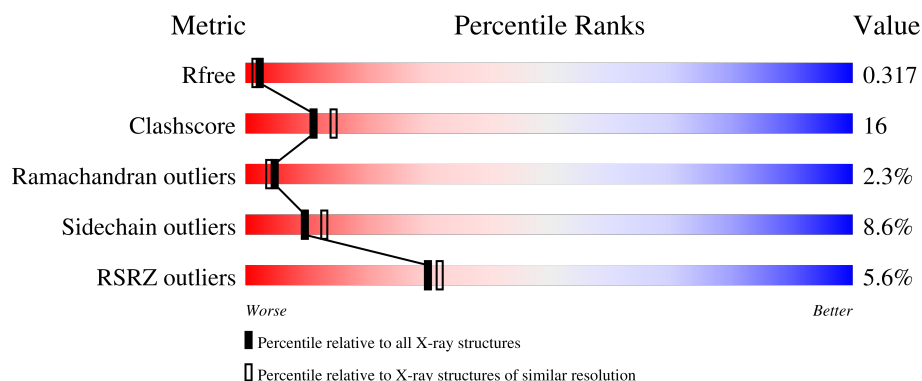
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 2.30 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	6319 (2.30-2.30)
Clashscore	190562	6919 (2.30-2.30)
Ramachandran outliers	187476	6854 (2.30-2.30)
Sidechain outliers	187428	6854 (2.30-2.30)
RSRZ outliers	180081	6325 (2.30-2.30)

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	447	

2 Entry composition

There are 3 unique types of molecules in this entry. The entry contains 3510 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 NEDD4-like E3 ubiquitin-protein ligase WWP2,NEDD4-like E3 ubiquitin-protein ligase WWP2.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
1	A	408	Total	C	N	O	S	0	1	0
			3457	2225	588	622	22			

There is a discrepancy between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	333	GLY	-	expression tag	UNP O00308

- 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		

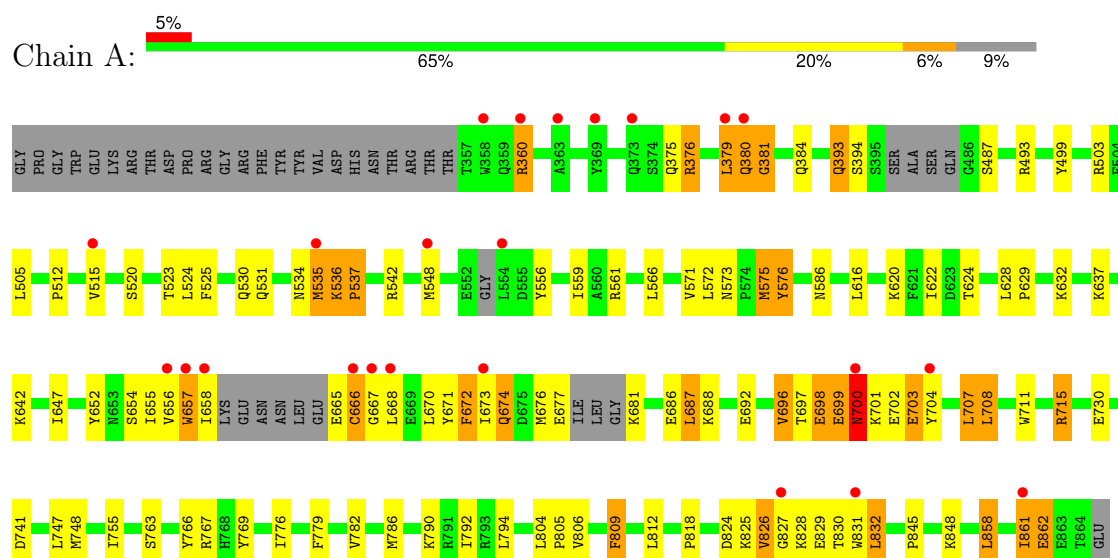
- Molecule 3 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
3	A	52	Total	O	0	0
			52	52		

3 Residue-property plots

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: NEDD4-like E3 ubiquitin-protein ligase WWP2, NEDD4-like E3 ubiquitin-protein ligase WWP2



4 Data and refinement statistics

Property	Value	Source
Space group	P 21 21 21	Depositor
Cell constants a, b, c, α , β , γ	44.23Å 89.27Å 111.47Å 90.00° 90.00° 90.00°	Depositor
Resolution (Å)	50.00 – 2.30 50.00 – 2.30	Depositor EDS
% Data completeness (in resolution range)	95.5 (50.00-2.30) 95.5 (50.00-2.30)	Depositor EDS
R_{merge}	0.08	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	3.02 (at 2.20Å)	Xtriage
Refinement program	REFMAC 5.8.0135	Depositor
R, R_{free}	0.215 , 0.316 0.239 , 0.317	Depositor DCC
R_{free} test set	1072 reflections (4.64%)	wwPDB-VP
Wilson B-factor (Å ²)	42.3	Xtriage
Anisotropy	1.084	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.30 , 40.6	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	0.94	EDS
Total number of atoms	3510	wwPDB-VP
Average B, all atoms (Å ²)	67.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 5.58% 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:
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	0.90	1/3550 (0.0%)	1.14	21/4785 (0.4%)

All (1) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
1	A	487	SER	C-N	6.73	1.39	1.33

All (21) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	A	575	MET	N-CA-C	-13.07	92.91	110.55
1	A	381	GLY	CA-C-N	11.85	139.56	120.60
1	A	381	GLY	C-N-CA	11.85	139.56	120.60
1	A	806	VAL	N-CA-C	7.31	117.83	110.23
1	A	535	MET	N-CA-C	7.25	122.80	113.88
1	A	381	GLY	N-CA-C	7.19	121.97	112.77
1	A	861	ILE	N-CA-C	6.23	116.39	110.53
1	A	741	ASP	N-CA-C	-6.03	101.54	110.46
1	A	832	LEU	CA-C-N	-5.90	114.19	120.03
1	A	832	LEU	C-N-CA	-5.90	114.19	120.03
1	A	537	PRO	N-CA-C	5.50	121.07	113.65
1	A	360	ARG	N-CA-C	-5.47	102.33	110.20
1	A	487	SER	CA-C-N	-5.36	114.56	121.04
1	A	487	SER	C-N-CA	-5.36	114.56	121.04
1	A	700	ASN	N-CA-C	-5.30	97.19	107.62
1	A	686	GLU	N-CA-C	5.27	117.02	111.28
1	A	360	ARG	CA-C-N	-5.18	113.36	119.84
1	A	360	ARG	C-N-CA	-5.18	113.36	119.84
1	A	809	PHE	N-CA-C	5.17	118.85	112.54
1	A	786	MET	N-CA-C	5.12	117.65	110.23

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Mol	Chain	Res	Type	Atoms	Z	Observed($^{\circ}$)	Ideal($^{\circ}$)
1	A	524	LEU	N-CA-C	5.03	116.45	111.07

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	3457	0	3343	111	0
2	A	1	0	0	0	0
3	A	52	0	0	0	0
All	All	3510	0	3343	111	0

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 16.

All (111) 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:A:655:ILE:CD1	1:A:708:LEU:HD13	1.77	1.15
1:A:531:GLN:O	1:A:535:MET:HG3	1.54	1.08
1:A:655:ILE:HD11	1:A:708:LEU:HD13	1.35	1.03
1:A:828:LYS:O	1:A:830:THR:N	1.91	1.03
1:A:657:TRP:HA	1:A:657:TRP:CE3	1.98	0.98
1:A:828:LYS:HB2	1:A:831:TRP:HD1	1.27	0.97
1:A:379:LEU:HD12	1:A:380:GLN:N	1.81	0.96
1:A:677:GLU:N	1:A:677:GLU:OE2	2.00	0.94
1:A:573:ASN:O	1:A:575:MET:O	1.86	0.93
1:A:655:ILE:CD1	1:A:708:LEU:CD1	2.46	0.92
1:A:657:TRP:HA	1:A:657:TRP:HE3	1.37	0.90
1:A:825:LYS:O	1:A:826:VAL:HG23	1.70	0.90
1:A:376:ARG:HA	1:A:379:LEU:HG	1.54	0.90
1:A:674:GLN:NE2	1:A:674:GLN:HA	1.87	0.88
1:A:828:LYS:HB2	1:A:831:TRP:CD1	2.09	0.87
1:A:671:TYR:O	1:A:673:ILE:N	2.08	0.86

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:A:697:THR:HB	1:A:700:ASN:HB3	1.57	0.86
1:A:779:PHE:O	1:A:782:VAL:HG12	1.76	0.84
1:A:655:ILE:HD12	1:A:708:LEU:HD13	1.61	0.81
1:A:767:ARG:HB2	1:A:824:ASP:HB3	1.65	0.79
1:A:794:LEU:HD13	1:A:861:ILE:HD11	1.65	0.79
1:A:697:THR:O	1:A:699:GLU:N	2.15	0.78
1:A:672:PHE:HE1	1:A:696:VAL:HA	1.48	0.78
1:A:825:LYS:O	1:A:826:VAL:CG2	2.33	0.76
1:A:380:GLN:OE1	1:A:381:GLY:N	2.18	0.76
1:A:665:GLU:O	1:A:666:CYS:HB3	1.86	0.74
1:A:858:LEU:O	1:A:862:GLU:HG2	1.87	0.74
1:A:655:ILE:HD11	1:A:708:LEU:CD1	2.16	0.72
1:A:699:GLU:OE2	1:A:699:GLU:HA	1.89	0.71
1:A:779:PHE:O	1:A:782:VAL:CG1	2.37	0.70
1:A:655:ILE:HD12	1:A:708:LEU:CD1	2.19	0.70
1:A:665:GLU:HB3	1:A:698:GLU:OE1	1.91	0.70
1:A:535:MET:O	1:A:536:LYS:HB2	1.92	0.68
1:A:376:ARG:CA	1:A:379:LEU:HG	2.24	0.67
1:A:825:LYS:C	1:A:826:VAL:HG23	2.19	0.67
1:A:530:GLN:O	1:A:534:ASN:OD1	2.13	0.67
1:A:704:TYR:O	1:A:708:LEU:HB2	1.95	0.67
1:A:548:MET:HE2	1:A:559:ILE:HD11	1.78	0.66
1:A:573:ASN:HB3	1:A:576:TYR:CE2	2.31	0.66
1:A:804:LEU:HD12	1:A:805:PRO:HD2	1.78	0.66
1:A:672:PHE:CE1	1:A:696:VAL:HB	2.32	0.64
1:A:790:LYS:NZ	1:A:862:GLU:OE1	2.27	0.63
1:A:376:ARG:HA	1:A:379:LEU:CG	2.27	0.63
1:A:674:GLN:HA	1:A:674:GLN:HE21	1.61	0.63
1:A:697:THR:C	1:A:699:GLU:H	2.07	0.62
1:A:654:SER:O	1:A:658:ILE:HG12	1.99	0.62
1:A:827:GLY:O	1:A:828:LYS:HE2	2.00	0.61
1:A:376:ARG:O	1:A:379:LEU:HG	1.99	0.61
1:A:573:ASN:HB3	1:A:576:TYR:CD2	2.36	0.61
1:A:499:TYR:HD1	1:A:748:MET:HE1	1.66	0.60
1:A:670:LEU:C	1:A:696:VAL:HG13	2.27	0.60
1:A:379:LEU:HD12	1:A:379:LEU:C	2.27	0.60
1:A:671:TYR:C	1:A:673:ILE:N	2.61	0.59
1:A:703:GLU:O	1:A:707:LEU:HB2	2.04	0.58
1:A:672:PHE:CE1	1:A:696:VAL:HA	2.35	0.57
1:A:804:LEU:HD21	1:A:809:PHE:CE2	2.41	0.56
1:A:747:LEU:HD11	1:A:792:ILE:HG21	1.89	0.55

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:A:515:VAL:HG13	1:A:542:ARG:HD2	1.90	0.54
1:A:376:ARG:C	1:A:379:LEU:HG	2.34	0.53
1:A:766:TYR:CD1	1:A:776:ILE:HD13	2.44	0.52
1:A:697:THR:O	1:A:700:ASN:N	2.34	0.52
1:A:665:GLU:O	1:A:665:GLU:HG2	2.10	0.52
1:A:779:PHE:C	1:A:782:VAL:HG12	2.35	0.52
1:A:828:LYS:C	1:A:830:THR:N	2.67	0.52
1:A:537:PRO:HG2	1:A:730:GLU:HB3	1.92	0.52
1:A:676:MET:HE1	1:A:715:ARG:HG3	1.92	0.51
1:A:832:LEU:N	1:A:832:LEU:HD12	2.25	0.51
1:A:652:TYR:O	1:A:656:VAL:HG23	2.11	0.51
1:A:548:MET:CE	1:A:559:ILE:HD11	2.40	0.50
1:A:676:MET:CE	1:A:715:ARG:HG3	2.42	0.49
1:A:671:TYR:HB2	1:A:673:ILE:HG12	1.95	0.49
1:A:665:GLU:CB	1:A:698:GLU:OE1	2.61	0.48
1:A:376:ARG:HA	1:A:379:LEU:CD2	2.43	0.48
1:A:670:LEU:C	1:A:696:VAL:CG1	2.87	0.48
1:A:657:TRP:CE3	1:A:657:TRP:CA	2.85	0.48
1:A:515:VAL:HG11	1:A:535:MET:HE1	1.97	0.47
1:A:520:SER:HB3	1:A:523:THR:OG1	2.15	0.47
1:A:665:GLU:N	1:A:698:GLU:OE1	2.49	0.46
1:A:572:LEU:HD21	1:A:624:THR:HG23	1.97	0.46
1:A:667:GLY:N	1:A:698:GLU:OE2	2.41	0.46
1:A:766:TYR:CE1	1:A:776:ILE:HD13	2.50	0.46
1:A:512:PRO:O	1:A:542:ARG:NH1	2.45	0.46
1:A:561:ARG:HG2	1:A:620:LYS:HD2	1.98	0.46
1:A:393:GLN:HG3	1:A:394:SER:N	2.30	0.46
1:A:665:GLU:CA	1:A:698:GLU:OE1	2.64	0.46
1:A:616:LEU:HD11	1:A:748:MET:HB3	1.98	0.45
1:A:676:MET:HB2	1:A:676:MET:HE3	1.78	0.45
1:A:556:TYR:HA	1:A:559:ILE:HG22	1.99	0.44
1:A:828:LYS:HD3	1:A:828:LYS:HA	1.74	0.44
1:A:697:THR:C	1:A:699:GLU:N	2.71	0.44
1:A:672:PHE:HE2	1:A:703:GLU:HB3	1.83	0.44
1:A:701:LYS:O	1:A:702:GLU:C	2.60	0.44
1:A:525:PHE:HE1	1:A:571:VAL:HG12	1.83	0.43
1:A:766:TYR:CD1	1:A:776:ILE:CD1	3.01	0.43
1:A:537:PRO:CG	1:A:730:GLU:HB3	2.49	0.43
1:A:628:LEU:HB2	1:A:629:PRO:HD3	2.00	0.43
1:A:827:GLY:HA3	1:A:845:PRO:HG3	1.99	0.43
1:A:632:LYS:HG2	1:A:637:LYS:HB2	2.00	0.43

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:A:671:TYR:CB	1:A:673:ILE:HG12	2.49	0.42
1:A:767:ARG:HB2	1:A:824:ASP:CB	2.44	0.42
1:A:379:LEU:C	1:A:379:LEU:CD1	2.91	0.42
1:A:505:LEU:HD23	1:A:505:LEU:HA	1.89	0.42
1:A:670:LEU:HD23	1:A:670:LEU:HA	1.84	0.42
1:A:375:GLN:NE2	1:A:586:ASN:ND2	2.68	0.42
1:A:670:LEU:O	1:A:696:VAL:HG13	2.20	0.42
1:A:672:PHE:O	1:A:687:LEU:HB3	2.19	0.42
1:A:677:GLU:N	1:A:677:GLU:CD	2.72	0.41
1:A:671:TYR:CA	1:A:696:VAL:HG12	2.50	0.41
1:A:499:TYR:CD1	1:A:748:MET:HE1	2.51	0.41
1:A:667:GLY:H	1:A:698:GLU:CD	2.27	0.41
1:A:674:GLN:HG3	1:A:711:TRP:CZ3	2.56	0.40

There are no symmetry-related clashes.

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	399/447 (89%)	365 (92%)	25 (6%)	9 (2%)	5 4

All (9) Ramachandran outliers are listed below:

Mol	Chain	Res	Type
1	A	668	LEU
1	A	672	PHE
1	A	698	GLU
1	A	826	VAL
1	A	829	GLU
1	A	688	LYS
1	A	536	LYS
1	A	576	TYR

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Mol	Chain	Res	Type
1	A	818	PRO

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	374/406 (92%)	342 (91%)	32 (9%)	10	13

All (32) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	A	360	ARG
1	A	376	ARG
1	A	379	LEU
1	A	380	GLN
1	A	384	GLN
1	A	393	GLN
1	A	493	ARG
1	A	503	ARG
1	A	566	LEU
1	A	622	ILE
1	A	642	LYS
1	A	647	ILE
1	A	657	TRP
1	A	666	CYS
1	A	674	GLN
1	A	681	LYS
1	A	687	LEU
1	A	692	GLU
1	A	696	VAL
1	A	699	GLU
1	A	700	ASN
1	A	703	GLU
1	A	707	LEU
1	A	708	LEU
1	A	715	ARG

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Mol	Chain	Res	Type
1	A	755	ILE
1	A	763	SER
1	A	769	TYR
1	A	812	LEU
1	A	848	LYS
1	A	858	LEU
1	A	862	GLU

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. All (5) such sidechains are listed below:

Mol	Chain	Res	Type
1	A	371	GLN
1	A	375	GLN
1	A	685	HIS
1	A	753	GLN
1	A	781	GLN

5.3.3 RNA [i](#)

There are no RNA molecules in this entry.

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

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

5.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

5.6 Ligand geometry [i](#)

Of 1 ligands modelled in this entry, 1 is monoatomic - leaving 0 for Mogul analysis.

There are no bond length outliers.

There are no bond angle outliers.

There are no chirality outliers.

There are no torsion outliers.

There are no ring outliers.

No monomer is involved in short contacts.

5.7 Other polymers

There are no such residues in this entry.

5.8 Polymer linkage issues

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	408/447 (91%)	0.50	23 (5%)	30 32	30, 65, 107, 154	1 (0%)

All (23) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	A	360	ARG	4.4
1	A	700	ASN	4.3
1	A	658	ILE	4.1
1	A	379	LEU	3.3
1	A	668	LEU	3.3
1	A	554	LEU	3.3
1	A	657	TRP	3.1
1	A	535	MET	3.1
1	A	363	ALA	2.8
1	A	380	GLN	2.7
1	A	515	VAL	2.4
1	A	667	GLY	2.3
1	A	548	MET	2.3
1	A	827	GLY	2.3
1	A	861	ILE	2.3
1	A	704	TYR	2.3
1	A	656	VAL	2.2
1	A	673	ILE	2.1
1	A	373	GLN	2.1
1	A	369	TYR	2.1
1	A	666	CYS	2.1
1	A	358	TRP	2.1
1	A	831	TRP	2.1

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
2	NA	A	901	1/1	0.95	0.09	59,59,59,59	0

6.5 Other polymers [i](#)

There are no such residues in this entry.