



wwPDB X-ray Structure Validation Summary Report ⓘ

Dec 4, 2023 – 07:55 pm GMT

PDB ID : 2J3O
Title : L-ficolin complexed to N-acetyl-D-glucosamine
Authors : Garlatti, V.; Gaboriaud, C.
Deposited on : 2006-08-22
Resolution : 2.65 Å(reported)

This is a wwPDB X-ray 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/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 : 4.02b-467
Mogul : 1.8.4, CSD as541be (2020)
Xtriage (Phenix) : 1.13
EDS : 2.36
Percentile statistics : 20191225.v01 (using entries in the PDB archive December 25th 2019)
Refmac : 5.8.0158
CCP4 : 7.0.044 (Gargrove)
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.36

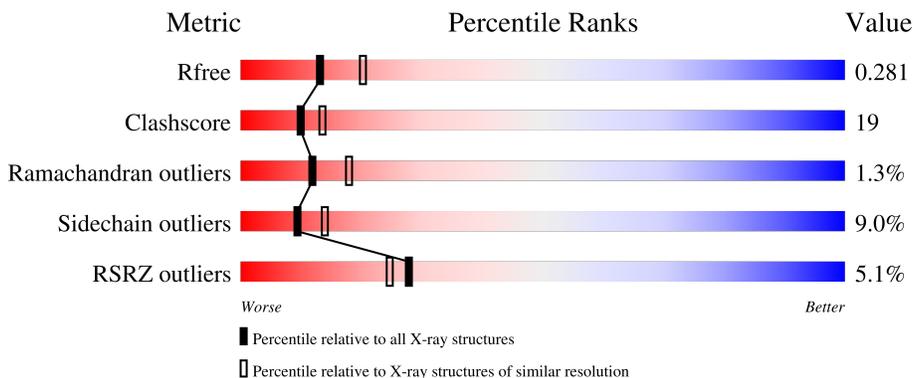
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 2.65 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}	130704	1332 (2.68-2.64)
Clashscore	141614	1374 (2.68-2.64)
Ramachandran outliers	138981	1349 (2.68-2.64)
Sidechain outliers	138945	1349 (2.68-2.64)
RSRZ outliers	127900	1318 (2.68-2.64)

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	219	
1	B	219	
1	C	219	
1	D	219	
1	E	219	

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Mol	Chain	Length	Quality of chain
1	F	219	

The following table lists non-polymeric compounds, carbohydrate monomers and non-standard residues in protein, DNA, RNA chains that are outliers for geometric or electron-density-fit criteria:

Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
3	ACT	B	1289	-	-	X	-
4	NAG	B	1293	X	-	-	-
4	NAG	D	1288	-	-	-	X
4	NAG	E	1292	-	-	X	X

2 Entry composition [i](#)

There are 5 unique types of molecules in this entry. The entry contains 10716 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 FICOLIN-2.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
1	A	217	1735	1092	305	329	9	0	0	0
1	B	218	1753	1103	310	331	9	0	1	0
1	C	217	1735	1092	305	329	9	0	0	0
1	D	216	1730	1089	304	328	9	0	0	0
1	E	217	1735	1092	305	329	9	0	0	0
1	F	217	1735	1092	305	329	9	0	0	0

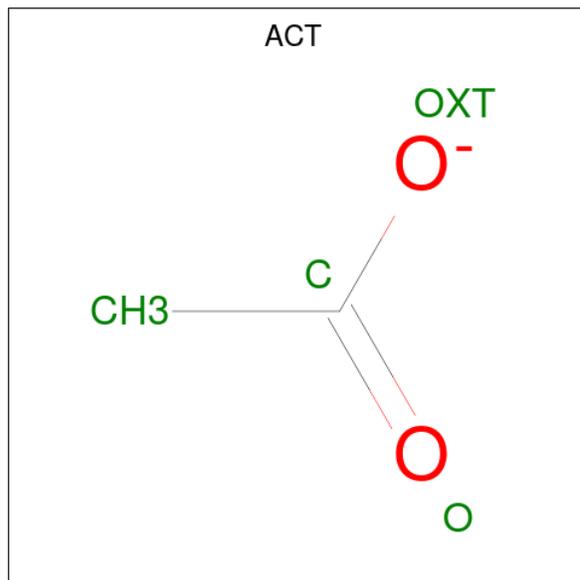
There are 12 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	168	THR	VAL	conflict	UNP Q15485
A	247	THR	VAL	conflict	UNP Q15485
B	168	THR	VAL	conflict	UNP Q15485
B	247	THR	VAL	conflict	UNP Q15485
C	168	THR	VAL	conflict	UNP Q15485
C	247	THR	VAL	conflict	UNP Q15485
D	168	THR	VAL	conflict	UNP Q15485
D	247	THR	VAL	conflict	UNP Q15485
E	168	THR	VAL	conflict	UNP Q15485
E	247	THR	VAL	conflict	UNP Q15485
F	168	THR	VAL	conflict	UNP Q15485
F	247	THR	VAL	conflict	UNP Q15485

- Molecule 2 is CALCIUM ION (three-letter code: CA) (formula: Ca).

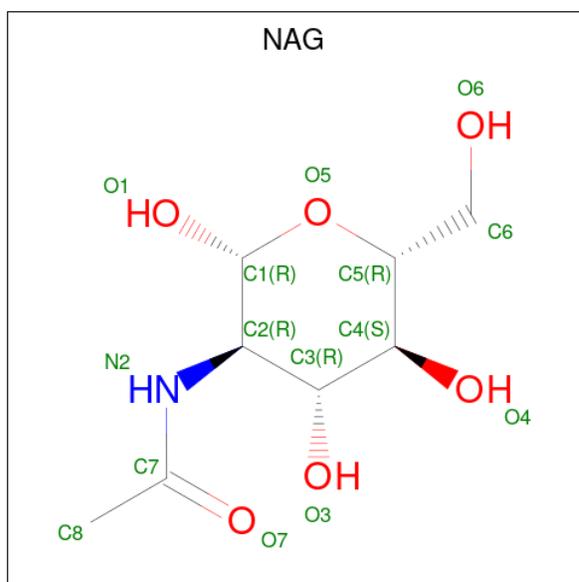
Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
2	A	1	Total Ca 1 1	0	0
2	B	1	Total Ca 1 1	0	0
2	C	1	Total Ca 1 1	0	0
2	D	1	Total Ca 1 1	0	0
2	E	1	Total Ca 1 1	0	0
2	F	1	Total Ca 1 1	0	0

- Molecule 3 is ACETATE ION (three-letter code: ACT) (formula: C₂H₃O₂).



Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
3	B	1	Total C O 4 2 2	0	0
3	B	1	Total C O 4 2 2	0	0

- Molecule 4 is 2-acetamido-2-deoxy-beta-D-glucopyranose (three-letter code: NAG) (formula: C₈H₁₅NO₆).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
			Total	C	N	O		
4	B	1	Total	C	N	O	0	1
			30	16	2	12		
4	B	1	Total	C	N	O	0	0
			14	8	1	5		
4	C	1	Total	C	N	O	0	0
			15	8	1	6		
4	C	1	Total	C	N	O	0	0
			15	8	1	6		
4	D	1	Total	C	N	O	0	0
			15	8	1	6		
4	E	1	Total	C	N	O	0	0
			15	8	1	6		
4	E	1	Total	C	N	O	0	0
			14	8	1	5		
4	E	1	Total	C	N	O	0	0
			15	8	1	6		

- Molecule 5 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
5	A	19	Total	O	0	0
			19	19		
5	B	25	Total	O	0	0
			25	25		
5	C	31	Total	O	0	0
			31	31		
5	D	20	Total	O	0	0
			20	20		

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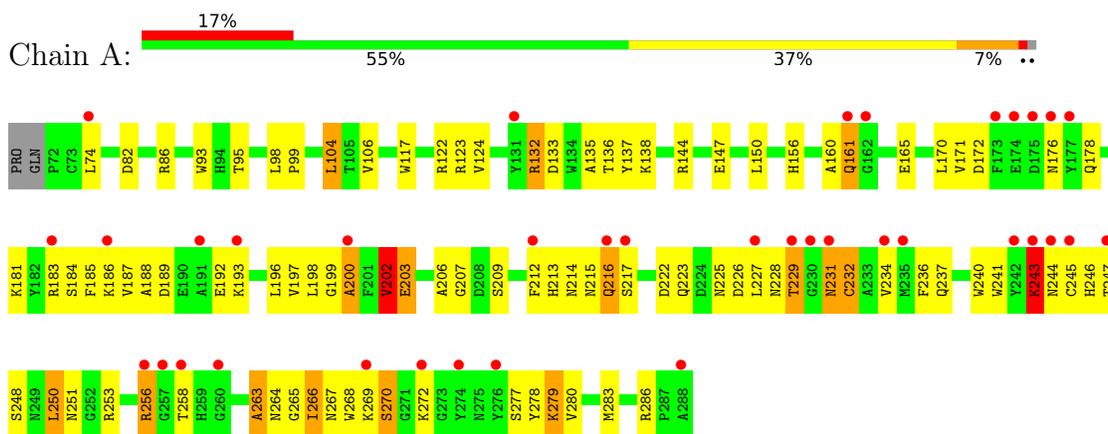
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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
5	E	22	Total	O	0	0
			22	22		
5	F	29	Total	O	0	0
			29	29		

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.

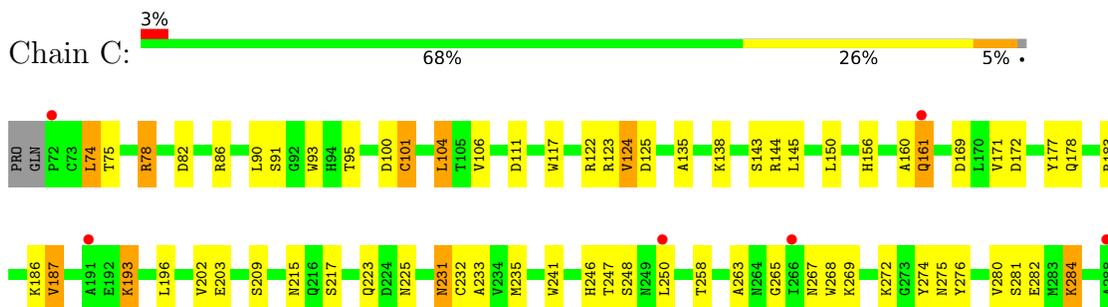
- Molecule 1: FICOLIN-2



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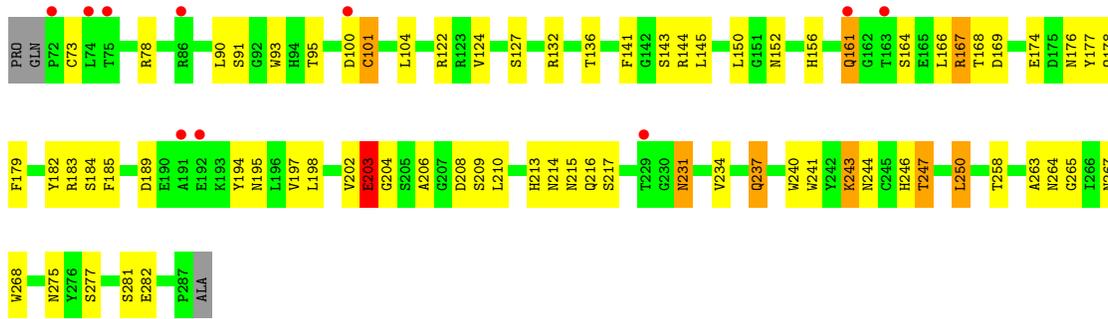


- Molecule 1: FICOLIN-2



- Molecule 1: FICOLIN-2

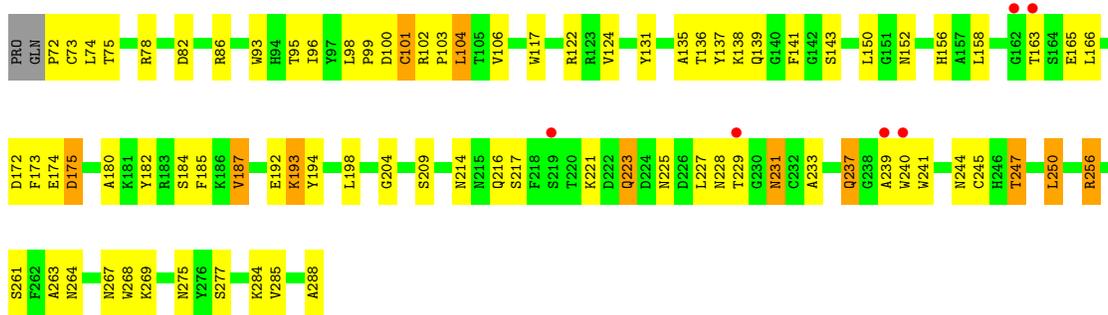




• Molecule 1: FICOLIN-2



• Molecule 1: FICOLIN-2



4 Data and refinement statistics

Property	Value	Source
Space group	C 1 2 1	Depositor
Cell constants a, b, c, α , β , γ	200.52Å 84.51Å 144.09Å 90.00° 123.57° 90.00°	Depositor
Resolution (Å)	19.00 – 2.65 19.75 – 2.65	Depositor EDS
% Data completeness (in resolution range)	100.0 (19.00-2.65) 99.1 (19.75-2.65)	Depositor EDS
R_{merge}	0.09	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	2.92 (at 2.67Å)	Xtrriage
Refinement program	REFMAC 5.2.0019	Depositor
R, R_{free}	0.228 , 0.283 0.230 , 0.281	Depositor DCC
R_{free} test set	5889 reflections (10.18%)	wwPDB-VP
Wilson B-factor (Å ²)	58.6	Xtrriage
Anisotropy	0.140	Xtrriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.35 , 37.7	EDS
L-test for twinning ²	$\langle L \rangle = 0.49$, $\langle L^2 \rangle = 0.32$	Xtrriage
Estimated twinning fraction	No twinning to report.	Xtrriage
F_o, F_c correlation	0.92	EDS
Total number of atoms	10716	wwPDB-VP
Average B, all atoms (Å ²)	55.0	wwPDB-VP

Xtrriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 3.57% 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 [i](#)

5.1 Standard geometry [i](#)

Bond lengths and bond angles in the following residue types are not validated in this section: ACT, NAG, CA

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	0.92	0/1783	0.74	0/2413
1	B	0.70	0/1801	0.72	0/2436
1	C	0.59	0/1783	0.68	0/2413
1	D	0.63	0/1778	0.66	1/2406 (0.0%)
1	E	0.57	0/1783	0.65	0/2413
1	F	0.58	1/1783 (0.1%)	0.68	0/2413
All	All	0.67	1/10711 (0.0%)	0.69	1/14494 (0.0%)

All (1) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
1	F	101	CYS	CB-SG	-5.02	1.73	1.81

All (1) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	D	167	ARG	NE-CZ-NH1	-6.38	117.11	120.30

There are no chirality outliers.

There are no planarity outliers.

5.2 Too-close contacts [i](#)

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	1735	0	1607	107	0
1	B	1753	0	1627	53	0
1	C	1735	0	1607	54	0
1	D	1730	0	1604	63	0
1	E	1735	0	1606	44	0
1	F	1735	0	1607	62	0
2	A	1	0	0	0	0
2	B	1	0	0	0	0
2	C	1	0	0	0	0
2	D	1	0	0	0	0
2	E	1	0	0	0	0
2	F	1	0	0	0	0
3	B	8	0	6	2	0
4	B	44	0	43	5	0
4	C	30	0	30	8	0
4	D	15	0	15	5	0
4	E	44	0	43	12	0
5	A	19	0	0	2	0
5	B	25	0	0	6	0
5	C	31	0	0	1	0
5	D	20	0	0	7	0
5	E	22	0	0	4	0
5	F	29	0	0	5	0
All	All	10716	0	9795	387	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 19.

The worst 5 of 387 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:F:158:LEU:HG	5:F:2017:HOH:O	1.43	1.17
1:A:227:LEU:O	1:A:244:ASN:HB2	1.44	1.15
4:C:1289:NAG:H83	4:C:1289:NAG:H3	1.26	1.10
1:D:241:TRP:HE3	5:D:2016:HOH:O	1.40	1.01
1:A:202:VAL:O	1:A:203:GLU:HG2	1.64	0.97

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	215/219 (98%)	177 (82%)	30 (14%)	8 (4%)	3	4
1	B	216/219 (99%)	196 (91%)	19 (9%)	1 (0%)	29	43
1	C	215/219 (98%)	199 (93%)	14 (6%)	2 (1%)	17	26
1	D	214/219 (98%)	188 (88%)	23 (11%)	3 (1%)	11	16
1	E	215/219 (98%)	195 (91%)	17 (8%)	3 (1%)	11	16
1	F	215/219 (98%)	189 (88%)	26 (12%)	0	100	100
All	All	1290/1314 (98%)	1144 (89%)	129 (10%)	17 (1%)	12	18

5 of 17 Ramachandran outliers are listed below:

Mol	Chain	Res	Type
1	A	203	GLU
1	A	160	ALA
1	A	215	ASN
1	A	243	LYS
1	D	101	CYS

5.3.2 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 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	182/184 (99%)	160 (88%)	22 (12%)	5	6
1	B	184/184 (100%)	168 (91%)	16 (9%)	10	15
1	C	182/184 (99%)	166 (91%)	16 (9%)	10	14

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles
1	D	182/184 (99%)	165 (91%)	17 (9%)	9 13
1	E	182/184 (99%)	171 (94%)	11 (6%)	19 30
1	F	182/184 (99%)	166 (91%)	16 (9%)	10 14
All	All	1094/1104 (99%)	996 (91%)	98 (9%)	9 14

5 of 98 residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	D	104	LEU
1	E	95	THR
1	D	161	GLN
1	D	237	GLN
1	E	150	LEU

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. 5 of 52 such sidechains are listed below:

Mol	Chain	Res	Type
1	D	214	ASN
1	E	156	HIS
1	F	246	HIS
1	D	231	ASN
1	D	267	ASN

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 monosaccharides in this entry.

5.6 Ligand geometry

Of 17 ligands modelled in this entry, 6 are monoatomic - leaving 11 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
4	NAG	B	1293	-	14,14,15	0.55	0	17,19,21	1.50	1 (5%)
3	ACT	B	1289	-	3,3,3	0.96	0	3,3,3	1.23	0
4	NAG	E	1292	-	15,15,15	0.66	0	21,21,21	1.51	6 (28%)
4	NAG	C	1289	-	15,15,15	0.55	0	21,21,21	1.55	1 (4%)
3	ACT	B	1292	-	3,3,3	0.82	0	3,3,3	1.37	0
4	NAG	B	1290[A]	-	15,15,15	0.60	0	21,21,21	1.88	5 (23%)
4	NAG	B	1290[B]	-	15,15,15	0.50	0	21,21,21	1.96	4 (19%)
4	NAG	E	1291	1	14,14,15	0.59	0	17,19,21	1.52	3 (17%)
4	NAG	C	1290	-	15,15,15	0.54	0	21,21,21	1.06	2 (9%)
4	NAG	D	1288	-	15,15,15	1.09	1 (6%)	21,21,21	1.96	4 (19%)
4	NAG	E	1289	-	15,15,15	0.74	0	21,21,21	1.86	4 (19%)

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. '2' means no outliers of that kind were identified.

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
4	NAG	B	1293	-	1/1/5/7	2/6/23/26	1/1/1/1
4	NAG	E	1292	-	-	3/6/26/26	0/1/1/1
4	NAG	C	1289	-	-	5/6/26/26	0/1/1/1
4	NAG	B	1290[A]	-	-	6/6/26/26	0/1/1/1
4	NAG	B	1290[B]	-	-	2/6/26/26	0/1/1/1
4	NAG	E	1291	1	-	4/6/23/26	0/1/1/1
4	NAG	C	1290	-	-	4/6/26/26	0/1/1/1
4	NAG	D	1288	-	-	5/6/26/26	0/1/1/1
4	NAG	E	1289	-	-	4/6/26/26	0/1/1/1

All (1) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
4	D	1288	NAG	C1-C2	3.03	1.56	1.52

The worst 5 of 30 bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
4	D	1288	NAG	O5-C1-C2	6.55	116.09	109.52
4	E	1289	NAG	C4-C3-C2	5.40	118.25	110.34
4	C	1289	NAG	C1-C2-N2	-5.36	104.52	110.73
4	B	1290[B]	NAG	C4-C3-C2	4.93	117.56	110.34
4	B	1290[A]	NAG	C3-C4-C5	4.86	118.90	110.24

All (1) chirality outliers are listed below:

Mol	Chain	Res	Type	Atom
4	B	1293	NAG	C5

5 of 35 torsion outliers are listed below:

Mol	Chain	Res	Type	Atoms
4	B	1290[A]	NAG	C1-C2-N2-C7
4	B	1290[A]	NAG	C3-C2-N2-C7
4	B	1290[A]	NAG	C8-C7-N2-C2
4	B	1290[A]	NAG	O7-C7-N2-C2
4	B	1290[B]	NAG	C8-C7-N2-C2

All (1) ring outliers are listed below:

Mol	Chain	Res	Type	Atoms
4	B	1293	NAG	C1-C2-C3-C4-C5-O5

8 monomers are involved in 32 short contacts:

Mol	Chain	Res	Type	Clashes	Symm-Clashes
4	B	1293	NAG	3	0
3	B	1289	ACT	2	0
4	E	1292	NAG	8	0
4	C	1289	NAG	6	0
4	B	1290[B]	NAG	2	0
4	C	1290	NAG	2	0
4	D	1288	NAG	5	0
4	E	1289	NAG	4	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 [i](#)

6.1 Protein, DNA and RNA chains [i](#)

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	217/219 (99%)	0.68	37 (17%) 1 1	44, 57, 62, 70	4 (1%)
1	B	218/219 (99%)	-0.12	2 (0%) 84 83	40, 47, 56, 73	0
1	C	217/219 (99%)	-0.09	6 (2%) 53 49	43, 51, 60, 68	1 (0%)
1	D	216/219 (98%)	0.19	10 (4%) 32 29	55, 61, 67, 83	4 (1%)
1	E	217/219 (99%)	0.07	6 (2%) 53 49	51, 59, 66, 71	1 (0%)
1	F	217/219 (99%)	0.04	6 (2%) 53 49	51, 58, 64, 69	1 (0%)
All	All	1302/1314 (99%)	0.13	67 (5%) 28 25	40, 57, 65, 83	11 (0%)

The worst 5 of 67 RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	A	212	PHE	6.8
1	A	231	ASN	5.5
1	A	288	ALA	5.2
1	A	245	CYS	4.7
1	A	183	ARG	4.4

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 monosaccharides 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(Å ²)	Q<0.9
4	NAG	C	1290	15/15	0.68	0.38	62,66,67,67	11
4	NAG	D	1288	15/15	0.68	0.43	67,71,72,73	4
4	NAG	E	1292	15/15	0.73	0.41	56,58,60,61	9
4	NAG	E	1291	14/15	0.76	0.33	65,66,67,68	14
4	NAG	C	1289	15/15	0.77	0.33	59,62,64,64	11
4	NAG	B	1293	14/15	0.78	0.25	62,65,67,68	14
4	NAG	E	1289	15/15	0.80	0.33	57,62,64,65	9
4	NAG	B	1290[B]	15/15	0.83	0.42	47,50,51,51	15
4	NAG	B	1290[A]	15/15	0.83	0.42	45,52,53,54	15
2	CA	B	1291	1/1	0.90	0.08	60,60,60,60	0
3	ACT	B	1289	4/4	0.92	0.27	54,55,56,56	0
3	ACT	B	1292	4/4	0.94	0.17	58,59,60,60	0
2	CA	E	1290	1/1	0.94	0.04	60,60,60,60	0
2	CA	A	1289	1/1	0.95	0.03	78,78,78,78	0
2	CA	F	1289	1/1	0.96	0.06	72,72,72,72	0
2	CA	C	1291	1/1	0.96	0.07	61,61,61,61	0
2	CA	D	1289	1/1	0.98	0.04	75,75,75,75	0

6.5 Other polymers [i](#)

There are no such residues in this entry.