



wwPDB EM Validation Summary Report ⓘ

Mar 29, 2026 – 07:22 AM UTC

PDB ID : 6WKK / pdb_00006wkk
EMDB ID : EMD-21695
Title : Phage G gp27 major capsid proteins and gp26 decoration proteins
Authors : Monroe, L.; Gonzalez, B.; Jiang, W.; Kihara, D.
Deposited on : 2020-04-16
Resolution : 6.10 Å(reported)

This is a wwPDB EM 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/EMValidationReportHelp>

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:

EMDB validation analysis : 0.0.1.dev132
MolProbity : 4-5-2 with Phenix2.0
Percentile statistics : 20250101.v01 (using entries in the PDB archive January 1st 2025)
EM percentile statistics : **NOT EXECUTED**
MapQ : **FAILED**
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.49

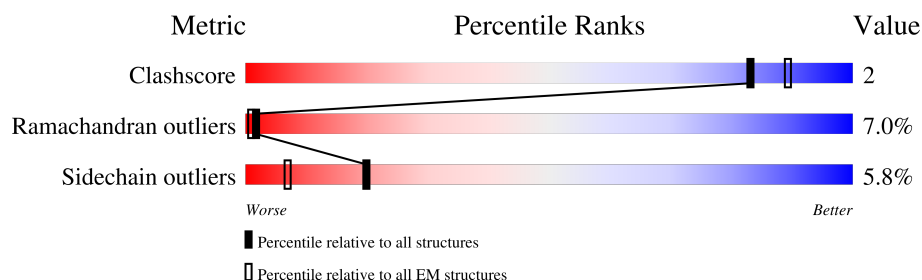
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

ELECTRON MICROSCOPY

The reported resolution of this entry is 6.10 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.



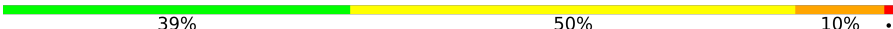
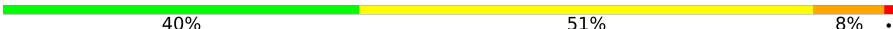
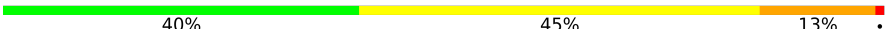
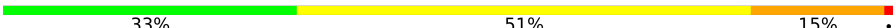
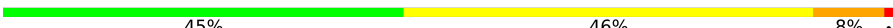
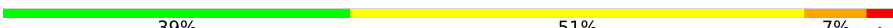
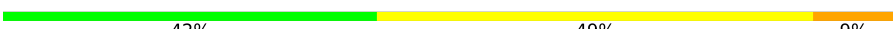
Metric	Whole archive (#Entries)	EM structures (#Entries)
Clashscore	229148	23984
Ramachandran outliers	224038	23583
Sidechain outliers	223484	23102

The table below summarises the geometric issues observed across the polymeric chains and their fit to the map. The red, orange, yellow and green segments of the 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 $\leq 5\%$.

Mol	Chain	Length	Quality of chain
1	A	280	39% 51% 10% .
1	B	280	40% 52% 8%
1	C	280	40% 52% 6% .
1	D	280	37% 52% 9% .
1	E	280	42% 46% 10% .
1	F	280	44% 48% 7%
2	G	150	44% 47% 9% .
2	H	150	49% 39% 11% .
2	I	150	43% 45% 11% .

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Mol	Chain	Length	Quality of chain
2	J	150	 40% 51% 9%
2	K	150	 39% 50% 10%
2	L	150	 40% 51% 8%
2	M	150	 40% 45% 13%
2	N	150	 53% 40% 7%
2	O	150	 33% 51% 15%
2	P	150	 47% 45% 6%
2	Q	150	 47% 42% 11%
2	R	150	 45% 46% 8%
2	S	150	 48% 44% 7%
2	T	150	 39% 51% 7%
2	U	150	 42% 47% 11%
2	V	150	 39% 49% 11%
2	W	150	 56% 35% 9%
2	X	150	 42% 49% 9%

2 Entry composition [i](#)

There are 2 unique types of molecules in this entry. The entry contains 33000 atoms, of which 0 are hydrogens and 0 are deuteriums.

In the tables below, 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 Gp27 major capsid protein.

Mol	Chain	Residues	Atoms					AltConf	Trace
1	A	280	Total	C	N	O	S	0	0
			2182	1390	374	413	5		
1	B	280	Total	C	N	O	S	0	0
			2182	1390	374	413	5		
1	C	280	Total	C	N	O	S	0	0
			2182	1390	374	413	5		
1	D	280	Total	C	N	O	S	0	0
			2182	1390	374	413	5		
1	E	280	Total	C	N	O	S	0	0
			2182	1390	374	413	5		
1	F	280	Total	C	N	O	S	0	0
			2182	1390	374	413	5		

- Molecule 2 is a protein called Gp26 capsid decoration protein.

Mol	Chain	Residues	Atoms					AltConf	Trace
2	G	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	H	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	I	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	J	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	K	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	L	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	M	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	N	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	O	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		

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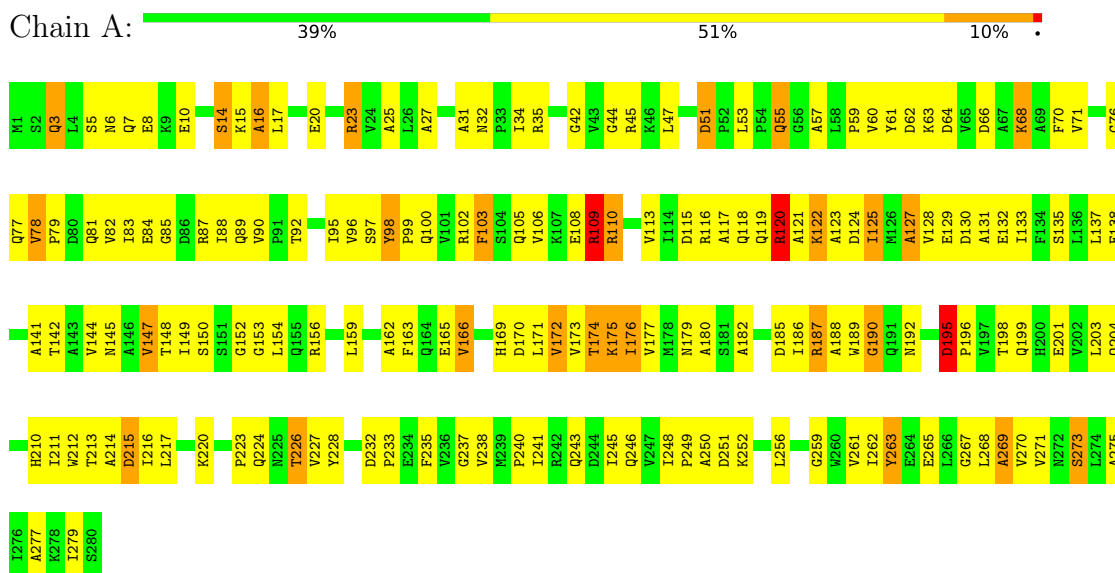
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Mol	Chain	Residues	Atoms					AltConf	Trace
2	P	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	Q	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	R	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	S	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	T	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	U	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	V	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	W	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		
2	X	150	Total	C	N	O	S	0	0
			1106	696	186	219	5		

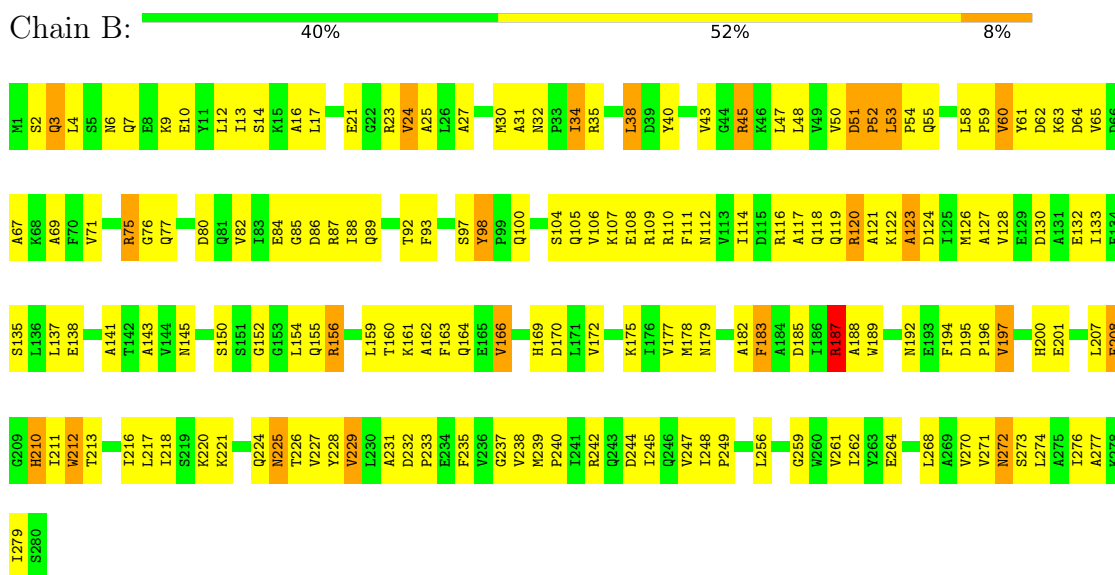
3 Residue-property plots

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. 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. 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: Gp27 major capsid protein

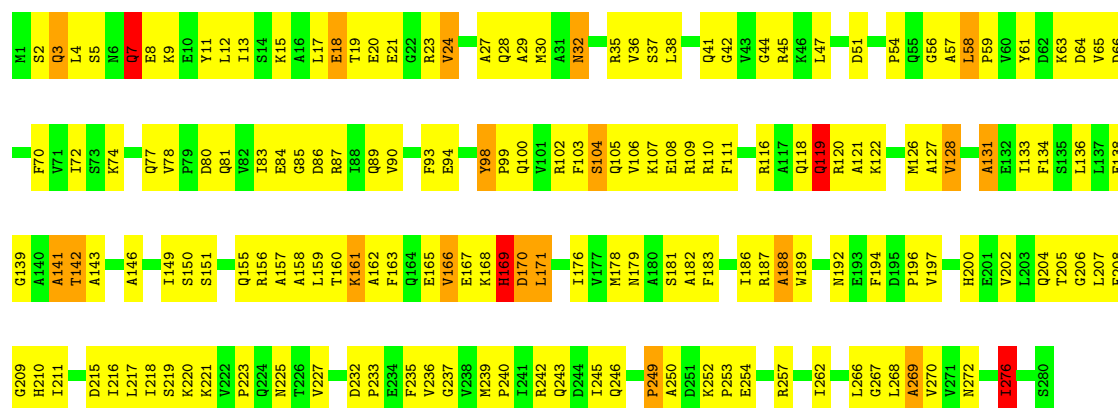


- Molecule 1: Gp27 major capsid protein



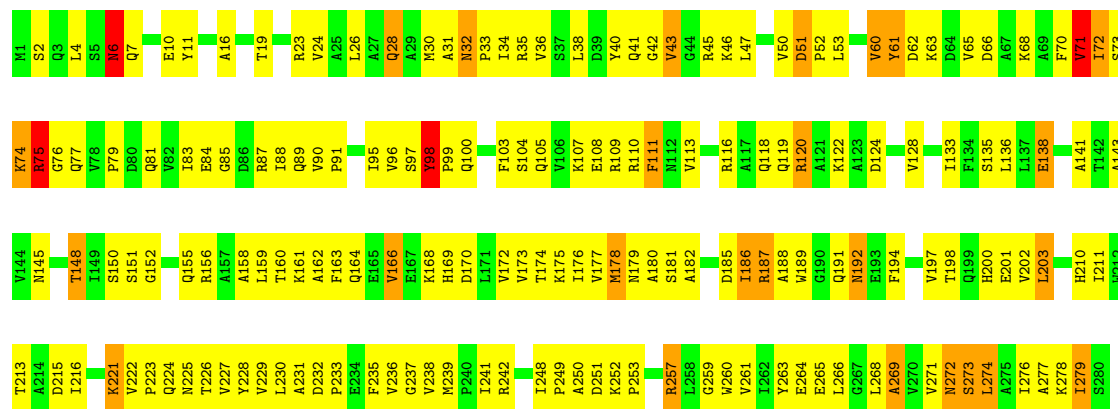
- Molecule 1: Gp27 major capsid protein

Chain C:  40% 52% 6% .



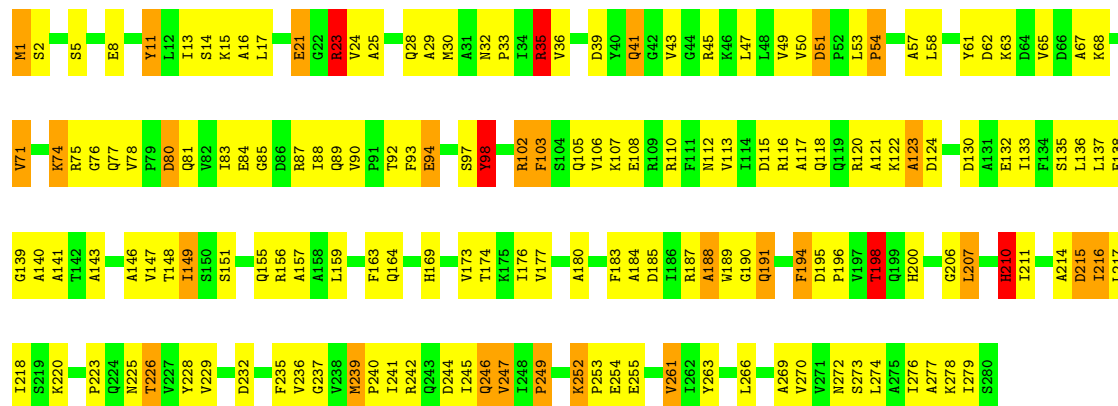
• Molecule 1: Gp27 major capsid protein

Chain D:  37% 52% 9% .

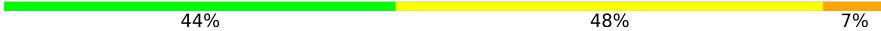


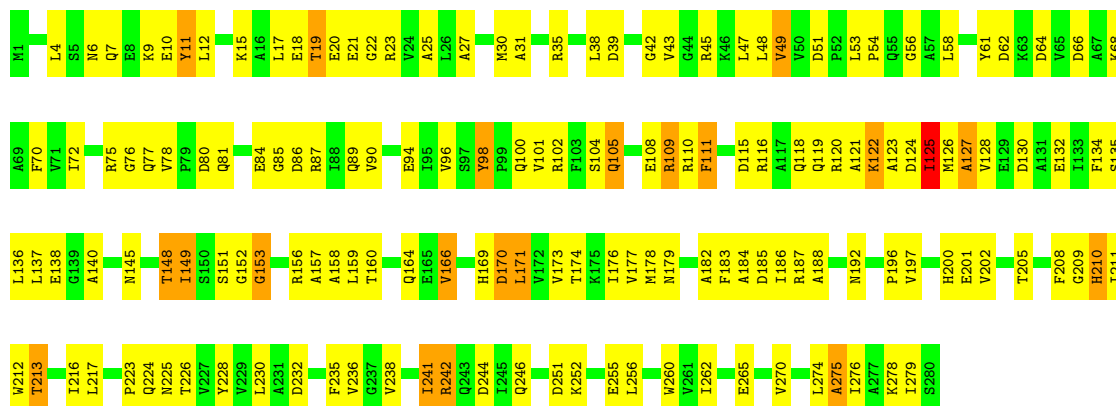
• Molecule 1: Gp27 major capsid protein

Chain E:  42% 46% 10% .

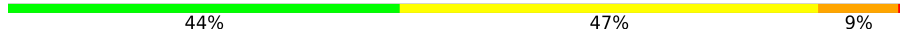


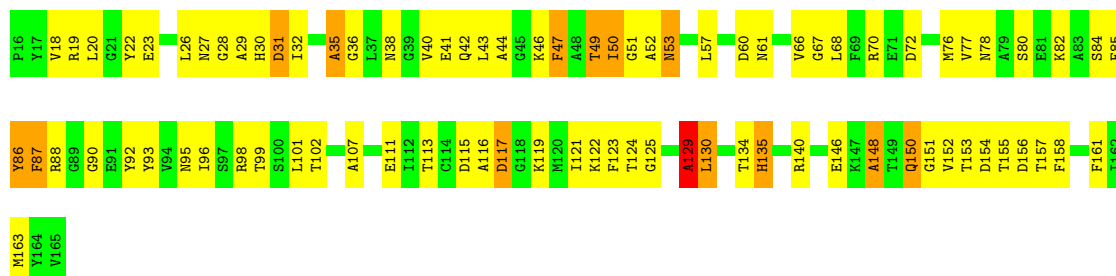
• Molecule 1: Gp27 major capsid protein

Chain F:  44% 48% 7%



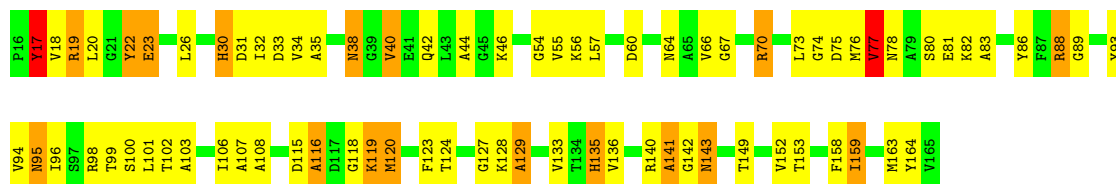
- Molecule 2: Gp26 capsid decoration protein

Chain G:  44% 47% 9%

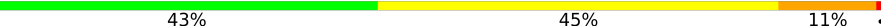


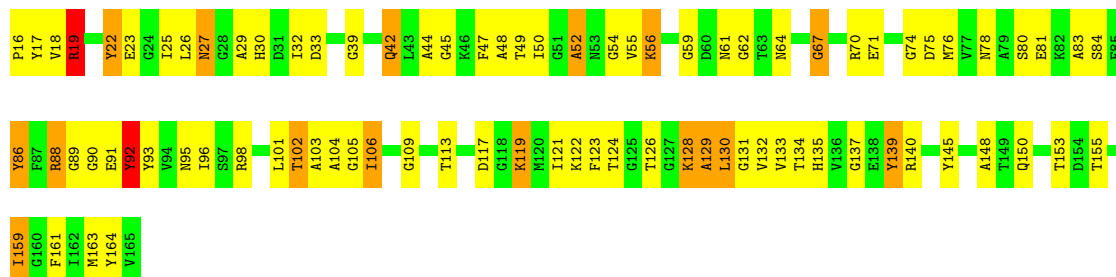
- Molecule 2: Gp26 capsid decoration protein

Chain H:  49% 39% 11%

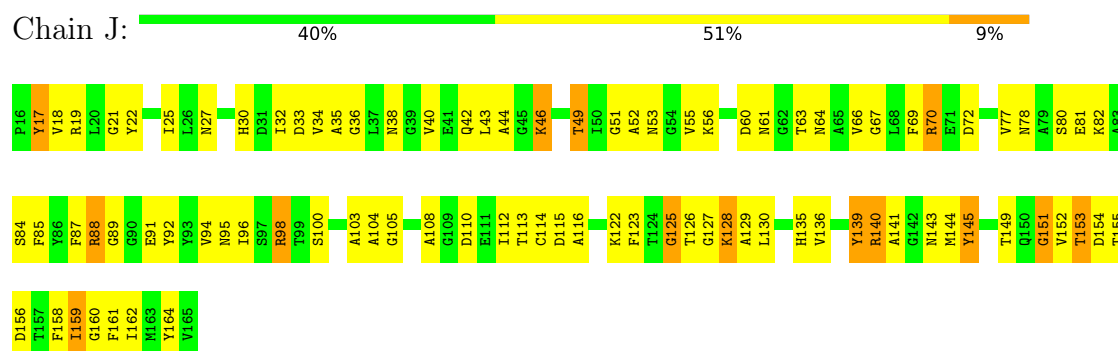


- Molecule 2: Gp26 capsid decoration protein

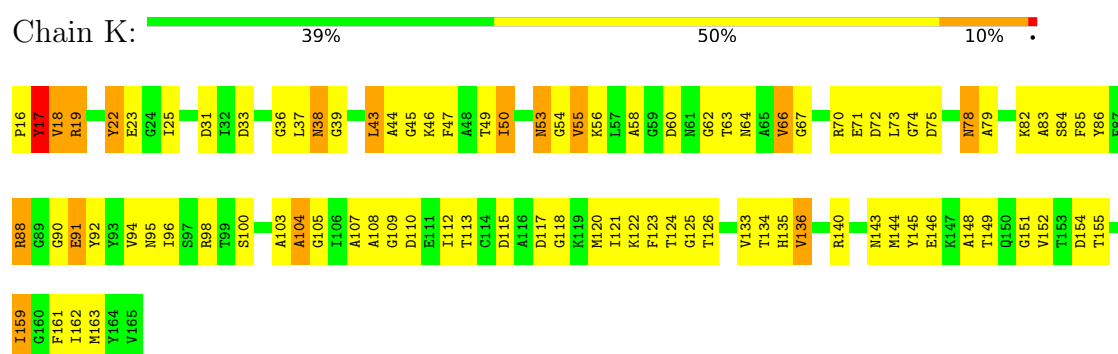
Chain I:  43% 45% 11%



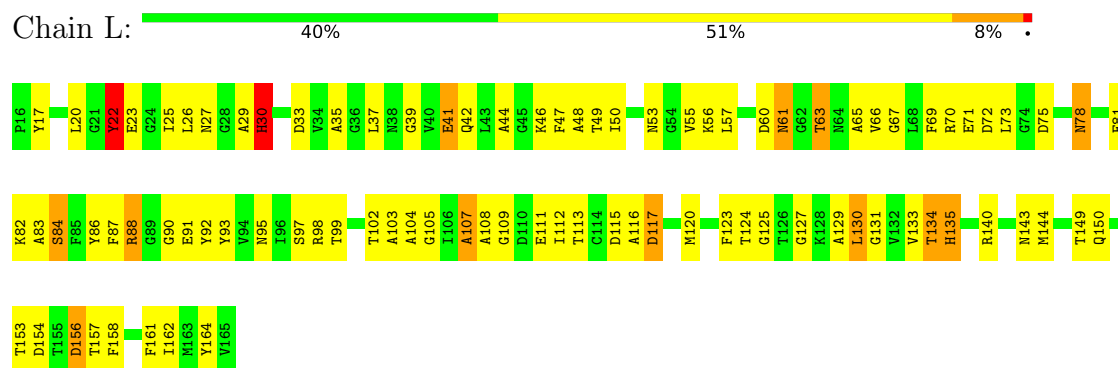
- Molecule 2: Gp26 capsid decoration protein



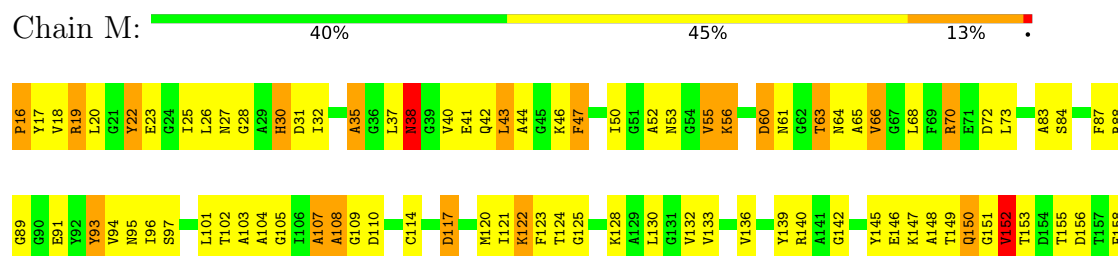
- Molecule 2: Gp26 capsid decoration protein

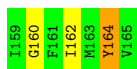


- Molecule 2: Gp26 capsid decoration protein



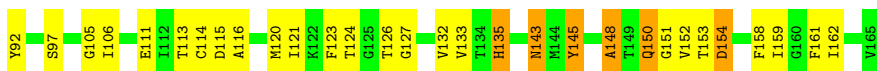
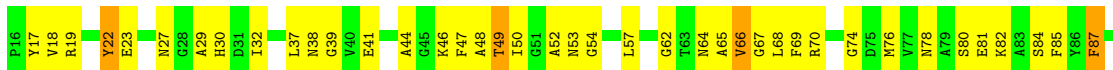
- Molecule 2: Gp26 capsid decoration protein





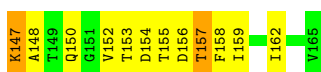
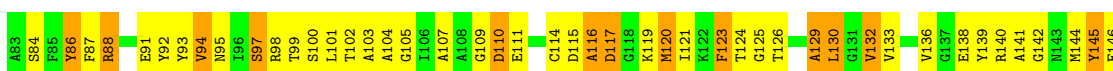
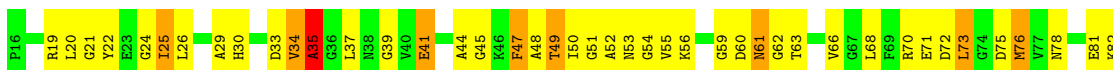
- Molecule 2: Gp26 capsid decoration protein

Chain N: 53% 40% 7%



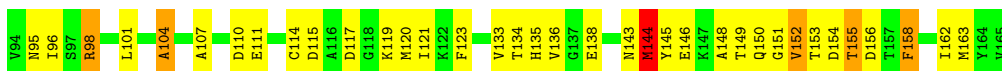
- Molecule 2: Gp26 capsid decoration protein

Chain O: 33% 51% 15%



- Molecule 2: Gp26 capsid decoration protein

Chain P: 47% 45% 6%

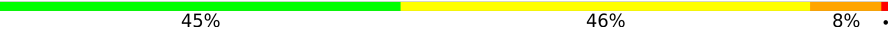


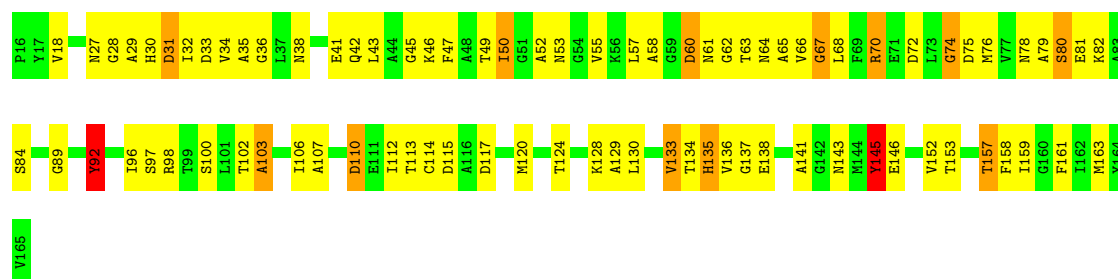
- Molecule 2: Gp26 capsid decoration protein

Chain Q: 47% 42% 11%

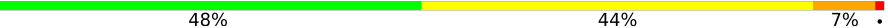


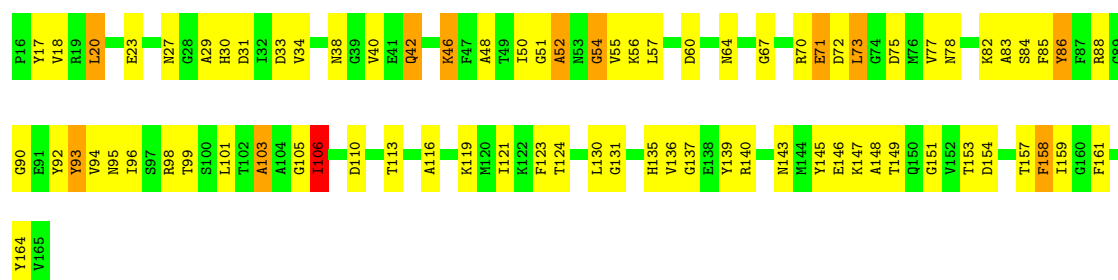
- Molecule 2: Gp26 capsid decoration protein

Chain R:  45% 46% 8%



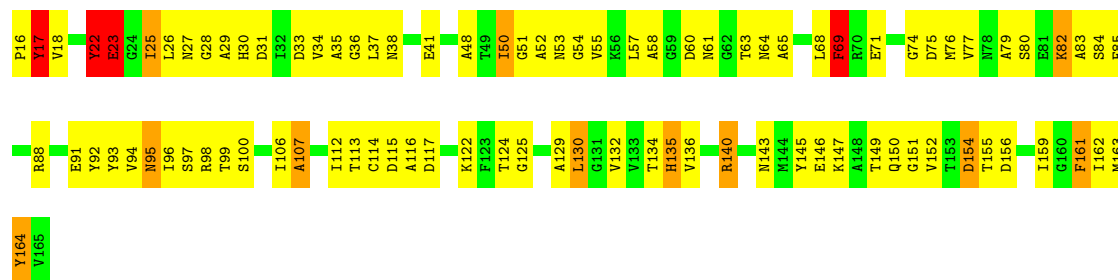
- Molecule 2: Gp26 capsid decoration protein

Chain S:  48% 44% 7%

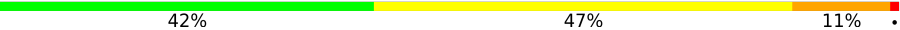


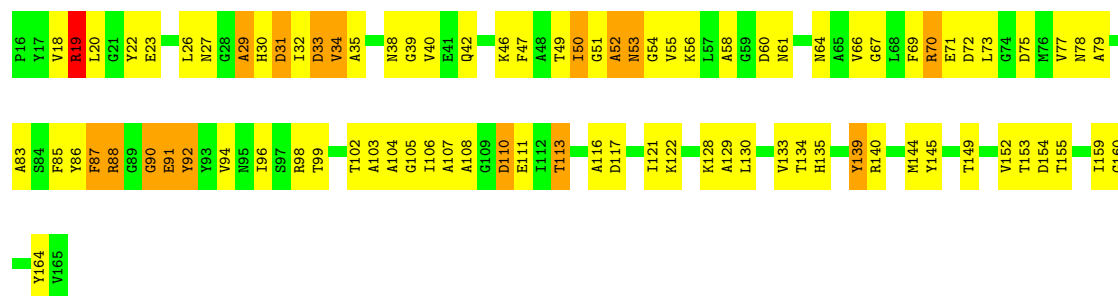
- Molecule 2: Gp26 capsid decoration protein

Chain T:  39% 51% 7%

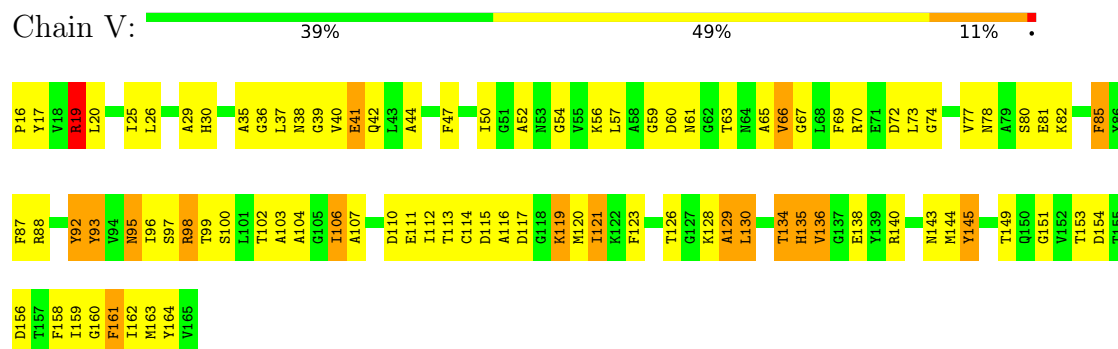


- Molecule 2: Gp26 capsid decoration protein

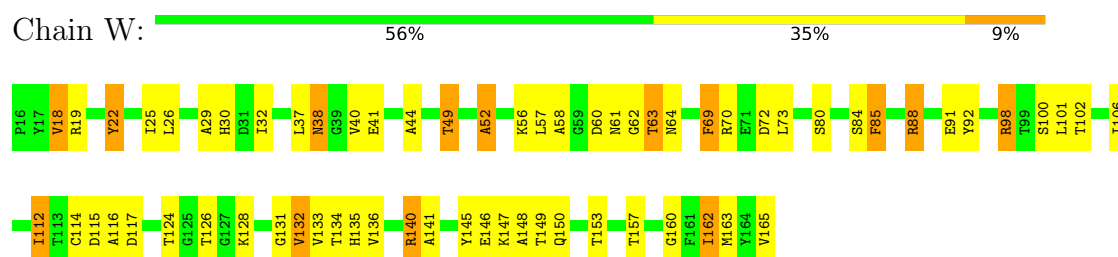
Chain U:  42% 47% 11%



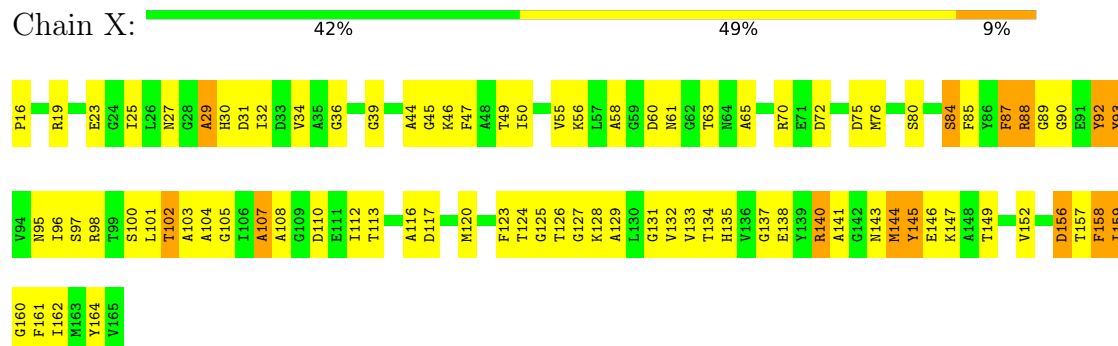
- Molecule 2: Gp26 capsid decoration protein



- Molecule 2: Gp26 capsid decoration protein



- Molecule 2: Gp26 capsid decoration protein



4 Experimental information

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, Not provided	
Number of particles used	2564	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	PHASE FLIPPING AND AMPLITUDE CORRECTION	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	14.5	Depositor
Minimum defocus (nm)	Not provided	
Maximum defocus (nm)	Not provided	
Magnification	Not provided	
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor

5 Model quality

5.1 Standard geometry

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	2.48	84/2219 (3.8%)	2.51	174/3012 (5.8%)
1	B	2.30	77/2219 (3.5%)	2.57	173/3012 (5.7%)
1	C	2.29	77/2219 (3.5%)	2.51	174/3012 (5.8%)
1	D	2.28	89/2219 (4.0%)	2.46	152/3012 (5.0%)
1	E	2.23	80/2219 (3.6%)	2.53	174/3012 (5.8%)
1	F	2.58	85/2219 (3.8%)	2.45	146/3012 (4.8%)
2	G	2.31	43/1123 (3.8%)	2.41	67/1515 (4.4%)
2	H	2.26	40/1123 (3.6%)	2.42	72/1515 (4.8%)
2	I	2.22	39/1123 (3.5%)	2.41	74/1515 (4.9%)
2	J	2.29	38/1123 (3.4%)	2.45	77/1515 (5.1%)
2	K	2.33	51/1123 (4.5%)	2.41	60/1515 (4.0%)
2	L	2.24	43/1123 (3.8%)	2.46	64/1515 (4.2%)
2	M	2.57	55/1123 (4.9%)	2.39	64/1515 (4.2%)
2	N	2.18	33/1123 (2.9%)	2.36	61/1515 (4.0%)
2	O	4.17	53/1123 (4.7%)	2.57	80/1515 (5.3%)
2	P	2.24	41/1123 (3.7%)	2.45	72/1515 (4.8%)
2	Q	2.31	45/1123 (4.0%)	2.36	67/1515 (4.4%)
2	R	2.27	48/1123 (4.3%)	2.40	69/1515 (4.6%)
2	S	2.29	41/1123 (3.7%)	2.43	69/1515 (4.6%)
2	T	2.31	47/1123 (4.2%)	2.39	69/1515 (4.6%)
2	U	2.36	47/1123 (4.2%)	2.41	70/1515 (4.6%)
2	V	2.27	44/1123 (3.9%)	2.28	59/1515 (3.9%)
2	W	2.26	39/1123 (3.5%)	2.37	51/1515 (3.4%)
2	X	2.25	42/1123 (3.7%)	2.35	66/1515 (4.4%)
All	All	2.41	1281/33528 (3.8%)	2.45	2204/45342 (4.9%)

Chiral center outliers are detected by calculating the chiral volume of a chiral center and verifying if the center is modelled as a planar moiety or with the opposite hand. A planarity outlier is detected by checking planarity of atoms in a peptide group, atoms in a mainchain group or atoms of a sidechain that are expected to be planar.

Mol	Chain	#Chirality outliers	#Planarity outliers
1	A	0	5

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Mol	Chain	#Chirality outliers	#Planarity outliers
1	B	0	9
1	C	0	2
1	D	0	11
1	E	0	6
1	F	0	6
2	G	1	6
2	H	3	5
2	I	0	8
2	J	1	7
2	K	3	3
2	L	0	4
2	M	1	3
2	N	3	3
2	O	0	4
2	P	1	4
2	Q	3	3
2	R	0	3
2	S	1	4
2	T	2	7
2	U	0	7
2	V	2	3
2	W	3	3
2	X	0	7
All	All	24	123

The worst 5 of 1281 bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
2	O	35	ALA	N-CA	115.48	2.95	1.46
1	A	55	GLN	CD-NE2	46.34	2.30	1.33
1	F	111	PHE	CG-CD1	31.37	2.04	1.38
1	F	111	PHE	CG-CD2	28.67	1.99	1.38
2	M	47	PHE	CG-CD2	22.00	1.85	1.38

The worst 5 of 2204 bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	B	244	ASP	CA-CB-CG	16.94	129.54	112.60
1	A	55	GLN	CG-CD-OE1	-15.97	88.87	120.80
1	A	55	GLN	CG-CD-NE2	14.57	138.25	116.40
1	E	75	ARG	CA-C-N	13.81	132.25	121.61
1	E	75	ARG	C-N-CA	13.81	132.25	121.61

5 of 24 chirality outliers are listed below:

Mol	Chain	Res	Type	Atom
2	G	19	ARG	CA
2	H	17	TYR	CA
2	H	22	TYR	CA
2	H	23	GLU	CA
2	J	19	ARG	CA

5 of 123 planarity outliers are listed below:

Mol	Chain	Res	Type	Group
1	A	109	ARG	Sidechain
1	A	110	ARG	Sidechain
1	A	116	ARG	Sidechain
1	A	120	ARG	Sidechain
1	A	187	ARG	Sidechain

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	2182	0	2222	28	0
1	B	2182	0	2222	6	0
1	C	2182	0	2222	13	0
1	D	2182	0	2222	10	0
1	E	2182	0	2222	9	0
1	F	2182	0	2222	32	0
2	G	1106	0	1072	3	0
2	H	1106	0	1072	4	0
2	I	1106	0	1072	5	0
2	J	1106	0	1072	5	0
2	K	1106	0	1072	5	0
2	L	1106	0	1072	3	0
2	M	1106	0	1072	34	0
2	N	1106	0	1072	2	0
2	O	1106	0	1072	33	0
2	P	1106	0	1072	1	0
2	Q	1106	0	1072	3	0
2	R	1106	0	1072	4	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
2	S	1106	0	1072	5	0
2	T	1106	0	1072	4	0
2	U	1106	0	1072	1	0
2	V	1106	0	1072	5	0
2	W	1106	0	1072	2	0
2	X	1106	0	1072	2	0
All	All	33000	0	32628	155	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 2.

The worst 5 of 155 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)
2:M:47:PHE:CG	2:M:47:PHE:CD1	1.79	1.70
2:M:47:PHE:CE1	2:M:47:PHE:CZ	1.79	1.65
2:M:47:PHE:CZ	2:M:47:PHE:CE2	1.84	1.63
2:M:47:PHE:CG	2:M:47:PHE:CD2	1.85	1.63
1:F:111:PHE:CE2	1:F:111:PHE:CZ	1.91	1.57

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 PDB entries followed by that with respect to all EM 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	A	278/280 (99%)	240 (86%)	20 (7%)	18 (6%)	1	12
1	B	278/280 (99%)	242 (87%)	25 (9%)	11 (4%)	2	18
1	C	278/280 (99%)	244 (88%)	23 (8%)	11 (4%)	2	18
1	D	278/280 (99%)	245 (88%)	19 (7%)	14 (5%)	1	15
1	E	278/280 (99%)	233 (84%)	25 (9%)	20 (7%)	1	10

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	F	278/280 (99%)	248 (89%)	20 (7%)	10 (4%)	2	20
2	G	148/150 (99%)	115 (78%)	20 (14%)	13 (9%)	0	8
2	H	148/150 (99%)	114 (77%)	24 (16%)	10 (7%)	1	11
2	I	148/150 (99%)	118 (80%)	18 (12%)	12 (8%)	1	9
2	J	148/150 (99%)	118 (80%)	21 (14%)	9 (6%)	1	12
2	K	148/150 (99%)	115 (78%)	15 (10%)	18 (12%)	0	4
2	L	148/150 (99%)	119 (80%)	14 (10%)	15 (10%)	0	7
2	M	148/150 (99%)	113 (76%)	22 (15%)	13 (9%)	0	8
2	N	148/150 (99%)	119 (80%)	19 (13%)	10 (7%)	1	11
2	O	148/150 (99%)	114 (77%)	20 (14%)	14 (10%)	0	8
2	P	148/150 (99%)	115 (78%)	23 (16%)	10 (7%)	1	11
2	Q	148/150 (99%)	118 (80%)	15 (10%)	15 (10%)	0	7
2	R	148/150 (99%)	123 (83%)	16 (11%)	9 (6%)	1	12
2	S	148/150 (99%)	120 (81%)	20 (14%)	8 (5%)	1	14
2	T	148/150 (99%)	121 (82%)	14 (10%)	13 (9%)	0	8
2	U	148/150 (99%)	116 (78%)	19 (13%)	13 (9%)	0	8
2	V	148/150 (99%)	117 (79%)	16 (11%)	15 (10%)	0	7
2	W	148/150 (99%)	116 (78%)	19 (13%)	13 (9%)	0	8
2	X	148/150 (99%)	114 (77%)	25 (17%)	9 (6%)	1	12
All	All	4332/4380 (99%)	3557 (82%)	472 (11%)	303 (7%)	2	11

5 of 303 Ramachandran outliers are listed below:

Mol	Chain	Res	Type
1	A	5	SER
1	A	16	ALA
1	A	98	TYR
1	A	122	LYS
1	A	123	ALA

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 PDB entries followed by that with respect to all EM 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	A	235/235 (100%)	219 (93%)	16 (7%)	14	36
1	B	235/235 (100%)	223 (95%)	12 (5%)	21	42
1	C	235/235 (100%)	224 (95%)	11 (5%)	23	44
1	D	235/235 (100%)	222 (94%)	13 (6%)	19	41
1	E	235/235 (100%)	220 (94%)	15 (6%)	16	37
1	F	235/235 (100%)	224 (95%)	11 (5%)	23	44
2	G	109/109 (100%)	104 (95%)	5 (5%)	24	45
2	H	109/109 (100%)	102 (94%)	7 (6%)	16	37
2	I	109/109 (100%)	101 (93%)	8 (7%)	13	34
2	J	109/109 (100%)	103 (94%)	6 (6%)	19	41
2	K	109/109 (100%)	101 (93%)	8 (7%)	13	34
2	L	109/109 (100%)	101 (93%)	8 (7%)	13	34
2	M	109/109 (100%)	99 (91%)	10 (9%)	8	27
2	N	109/109 (100%)	106 (97%)	3 (3%)	38	59
2	O	109/109 (100%)	100 (92%)	9 (8%)	10	30
2	P	109/109 (100%)	102 (94%)	7 (6%)	16	37
2	Q	109/109 (100%)	99 (91%)	10 (9%)	8	27
2	R	109/109 (100%)	104 (95%)	5 (5%)	24	45
2	S	109/109 (100%)	105 (96%)	4 (4%)	30	51
2	T	109/109 (100%)	105 (96%)	4 (4%)	30	51
2	U	109/109 (100%)	103 (94%)	6 (6%)	19	41
2	V	109/109 (100%)	103 (94%)	6 (6%)	19	41
2	W	109/109 (100%)	103 (94%)	6 (6%)	19	41
2	X	109/109 (100%)	104 (95%)	5 (5%)	24	45
All	All	3372/3372 (100%)	3177 (94%)	195 (6%)	20	40

5 of 195 residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
2	L	63	THR
2	P	32	ILE
2	L	162	ILE

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Mol	Chain	Res	Type
2	N	143	ASN
2	Q	20	LEU

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. 5 of 109 such sidechains are listed below:

Mol	Chain	Res	Type
2	I	150	GLN
2	N	78	ASN
2	U	53	ASN
2	J	30	HIS
2	L	30	HIS

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](#)

There are no ligands in this entry.

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 Map visualisation

This section contains visualisations of the EMDB entry EMD-21695. These allow visual inspection of the internal detail of the map and identification of artifacts.

Images derived from a raw map, generated by summing the deposited half-maps, are presented below the corresponding image components of the primary map to allow further visual inspection and comparison with those of the primary map.

6.1 Orthogonal projections

This section was not generated.

6.2 Central slices

This section was not generated.

6.3 Largest variance slices

This section was not generated.

6.4 Orthogonal standard-deviation projections (False-color)

This section was not generated.

6.5 Orthogonal surface views

This section was not generated.

6.6 Mask visualisation

This section was not generated. No masks/segmentation were deposited.

7 Map analysis ⓘ

This section contains the results of statistical analysis of the map.

7.1 Map-value distribution ⓘ

This section was not generated.

7.2 Volume estimate versus contour level ⓘ

This section was not generated.

7.3 Rotationally averaged power spectrum ⓘ

This section was not generated. The rotationally averaged power spectrum had issues being displayed.

8 Fourier-Shell correlation

This section was not generated. No FSC curve or half-maps provided.

9 Map-model fit

This section was not generated.