



## wwPDB EM Validation Summary Report ⓘ

Mar 25, 2025 – 12:26 pm GMT

PDB ID : 9Q91  
EMDB ID : EMD-52914  
Title : CryoEM structure of bacterial transcription intermediate complex mediated by activator PspF containing nifH promoter DNA containing mismatch from -11 to -8 - conformation 6  
Authors : Gao, F.; Zhang, X.  
Deposited on : 2025-02-26  
Resolution : 7.20 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](mailto: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>.

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

EMDB validation analysis : 0.0.1.dev117  
MolProbity : 4.02b-467  
Percentile statistics : 20231227.v01 (using entries in the PDB archive December 27th 2023)  
MapQ : 1.9.13  
Ideal geometry (proteins) : Engh & Huber (2001)  
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)  
Validation Pipeline (wwPDB-VP) : 2.41.5

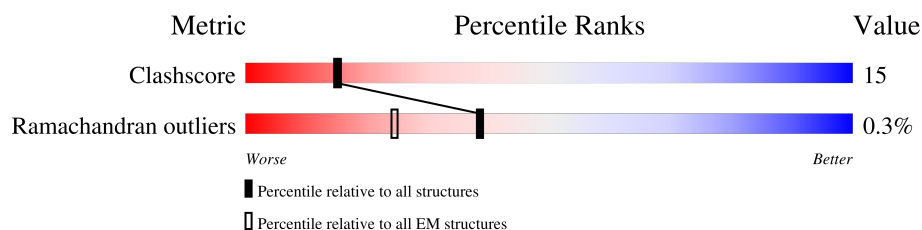
# 1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

*ELECTRON MICROSCOPY*

The reported resolution of this entry is 7.20 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	210492	15764
Ramachandran outliers	207382	16835

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  $\geq 3$ , 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 EM map (all-atom inclusion  $< 40\%$ ). The numeric value is given above the bar.

Mol	Chain	Length	Quality of chain
1	1	259	<div> <div>12%</div> <div>89%</div> <div>8%</div> <div>.</div> </div>
1	2	259	<div> <div>14%</div> <div>92%</div> <div>6%</div> <div>.</div> </div>
1	3	259	<div> <div>9%</div> <div>86%</div> <div>13%</div> <div>.</div> </div>
1	4	259	<div> <div>9%</div> <div>86%</div> <div>14%</div> </div>
1	5	259	<div> <div>13%</div> <div>86%</div> <div>12%</div> <div>.</div> </div>
1	6	259	<div> <div>24%</div> <div>89%</div> <div>11%</div> </div>
2	A	329	<div> <div>56%</div> <div>14%</div> <div>30%</div> </div>
2	B	329	<div> <div>55%</div> <div>13%</div> <div>32%</div> </div>
3	C	1341	<div> <div>81%</div> <div>19%</div> </div>

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Mol	Chain	Length	Quality of chain
4	E	91	<div><div></div><div>79%</div><div></div><div>81%</div><div>19%</div></div>
5	N	34	<div><div></div><div>15%</div><div></div><div>85%</div><div></div></div>
6	T	34	<div><div></div><div>24%</div><div></div><div>76%</div><div></div></div>
7	M	475	<div><div></div><div>10%</div><div></div><div>75%</div><div>12%</div><div>13%</div></div>
8	D	1407	<div><div></div><div>7%</div><div></div><div>79%</div><div>16%</div><div>5%</div></div>

## 2 Entry composition [i](#)

There are 8 unique types of molecules in this entry. The entry contains 26778 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 Psp operon transcriptional activator.

Mol	Chain	Residues	Atoms				AltConf	Trace
1	1	253	Total	C	N	O	0	0
			1247	741	253	253		
1	2	255	Total	C	N	O	0	0
			1257	747	255	255		
1	3	255	Total	C	N	O	0	0
			1257	747	255	255		
1	4	259	Total	C	N	O	0	0
			1277	759	259	259		
1	5	255	Total	C	N	O	0	0
			1257	747	255	255		
1	6	259	Total	C	N	O	0	0
			1277	759	259	259		

- Molecule 2 is a protein called DNA-directed RNA polymerase subunit alpha.

Mol	Chain	Residues	Atoms				AltConf	Trace
2	A	229	Total	C	N	O	0	0
			1130	672	229	229		
2	B	223	Total	C	N	O	0	0
			1101	655	223	223		

- Molecule 3 is a protein called DNA-directed RNA polymerase subunit beta.

Mol	Chain	Residues	Atoms				AltConf	Trace
3	C	1341	Total	C	N	O	0	0
			6599	3917	1341	1341		

- Molecule 4 is a protein called DNA-directed RNA polymerase subunit omega.

Mol	Chain	Residues	Atoms				AltConf	Trace
4	E	74	Total	C	N	O	0	0
			366	218	74	74		

- Molecule 5 is a DNA chain called Non-template DNA (34-MER).

Mol	Chain	Residues	Atoms					AltConf	Trace
5	N	34	Total	C	N	O	P	0	0
			694	329	127	204	34		

- Molecule 6 is a DNA chain called Template DNA (34-MER).

Mol	Chain	Residues	Atoms					AltConf	Trace
6	T	34	Total	C	N	O	P	0	0
			700	331	131	204	34		

- Molecule 7 is a protein called RNA polymerase sigma-54 factor.

Mol	Chain	Residues	Atoms				AltConf	Trace
7	M	413	Total	C	N	O	0	0
			2050	1223	413	414		

There are 23 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
M	1	MET	-	initiating methionine	UNP A0A377VEN9
M	2	LYS	-	expression tag	UNP A0A377VEN9
M	3	GLN	-	expression tag	UNP A0A377VEN9
M	4	GLY	-	expression tag	UNP A0A377VEN9
M	5	LEU	-	expression tag	UNP A0A377VEN9
M	6	GLN	-	expression tag	UNP A0A377VEN9
M	7	LEU	-	expression tag	UNP A0A377VEN9
M	8	ARG	-	expression tag	UNP A0A377VEN9
M	9	LEU	-	expression tag	UNP A0A377VEN9
M	10	SER	-	expression tag	UNP A0A377VEN9
M	11	LEU	-	expression tag	UNP A0A377VEN9
M	12	ALA	-	expression tag	UNP A0A377VEN9
M	13	MET	-	expression tag	UNP A0A377VEN9
M	14	THR	-	expression tag	UNP A0A377VEN9
M	15	PRO	-	expression tag	UNP A0A377VEN9
M	16	GLN	-	expression tag	UNP A0A377VEN9
M	17	LEU	-	expression tag	UNP A0A377VEN9
M	18	GLN	-	expression tag	UNP A0A377VEN9
M	19	GLN	-	expression tag	UNP A0A377VEN9
M	20	ALA	-	expression tag	UNP A0A377VEN9
M	21	ILE	-	expression tag	UNP A0A377VEN9
M	22	ARG	-	expression tag	UNP A0A377VEN9
M	23	LEU	-	expression tag	UNP A0A377VEN9

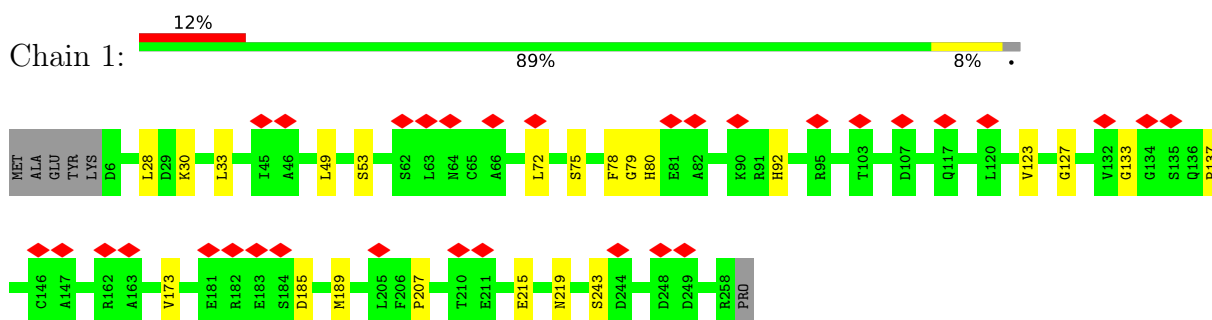
- Molecule 8 is a protein called DNA-directed RNA polymerase subunit beta'.

Mol	Chain	Residues	Atoms				AltConf	Trace
			Total	C	N	O		
8	D	1334	6566	3898	1334	1334	0	0

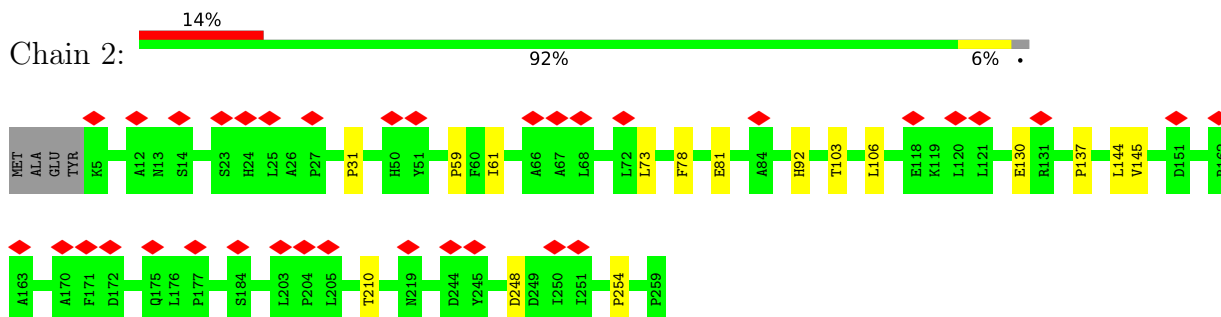
### 3 Residue-property plots [i](#)

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 atom inclusion in map 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 diamond above a residue indicates a poor fit to the EM map for this residue (all-atom inclusion < 40%). 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.

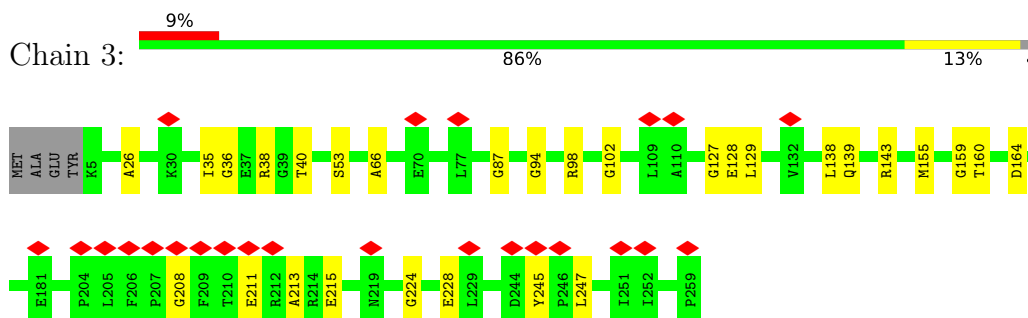
- Molecule 1: Psp operon transcriptional activator



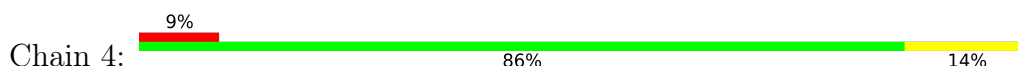
- Molecule 1: Psp operon transcriptional activator

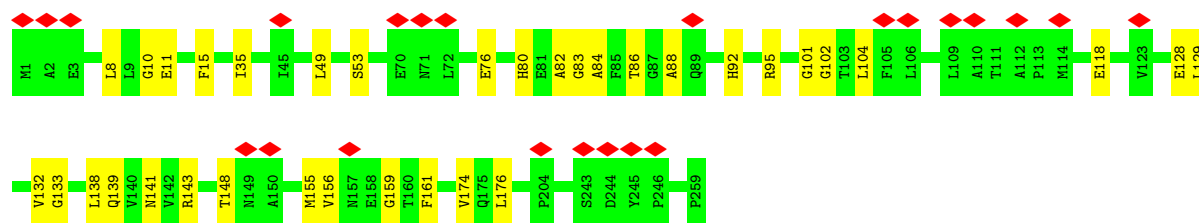


- Molecule 1: Psp operon transcriptional activator

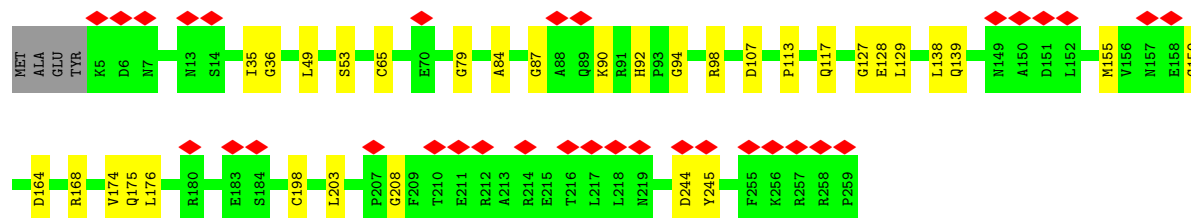
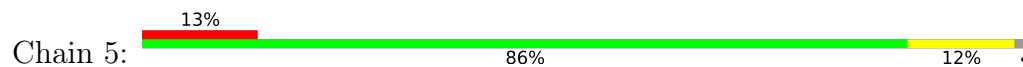


- Molecule 1: Psp operon transcriptional activator

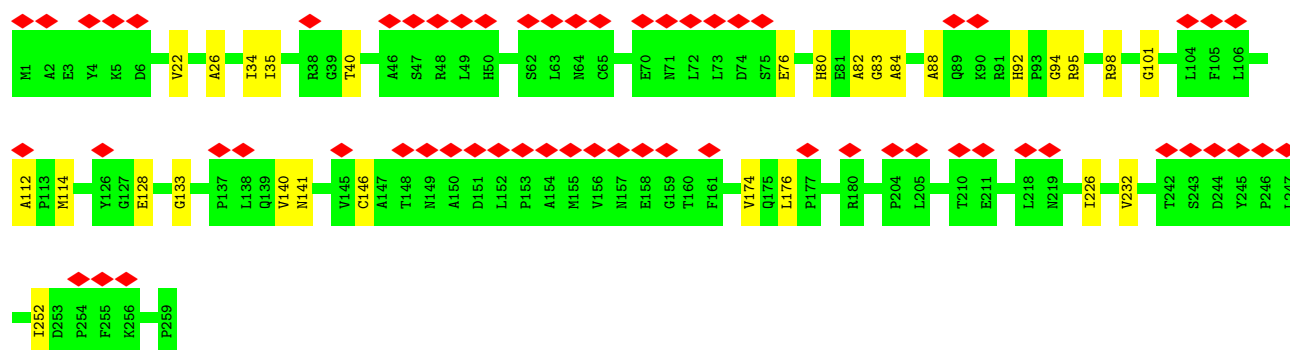
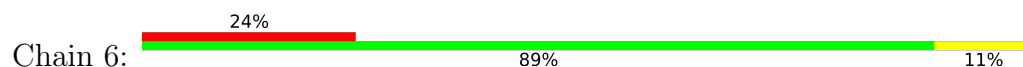




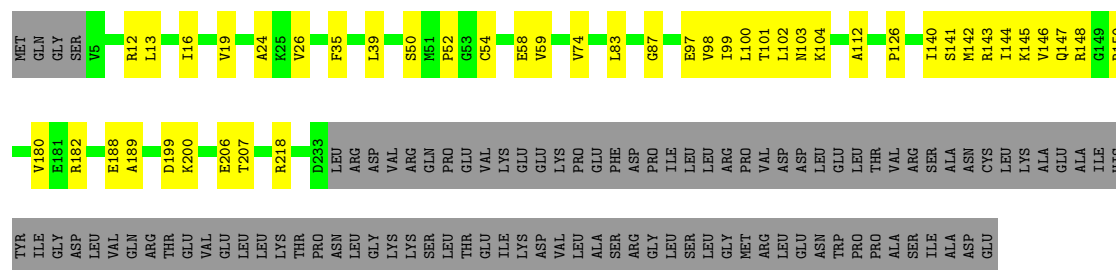
- Molecule 1: Psp operon transcriptional activator



- Molecule 1: Psp operon transcriptional activator



- Molecule 2: DNA-directed RNA polymerase subunit alpha

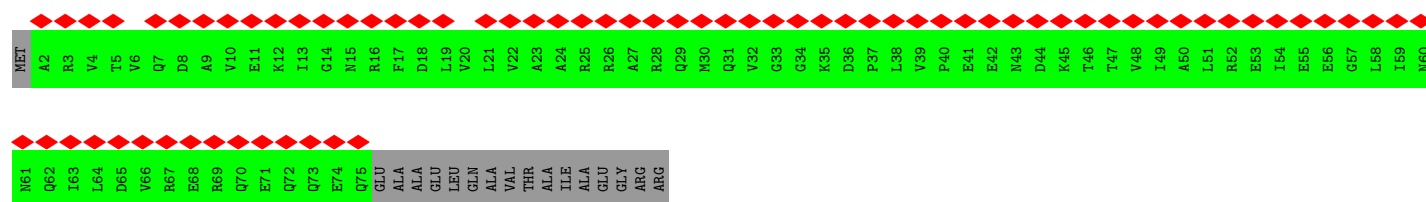
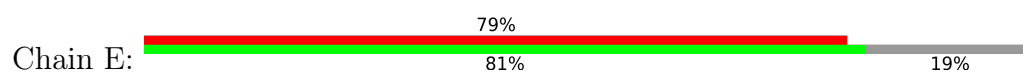


- Molecule 2: DNA-directed RNA polymerase subunit alpha

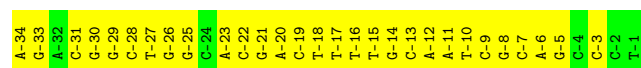
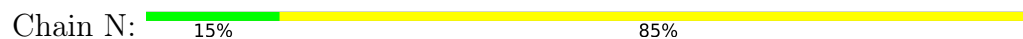




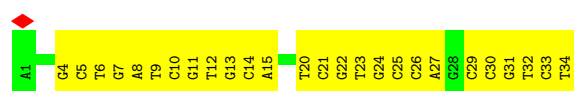




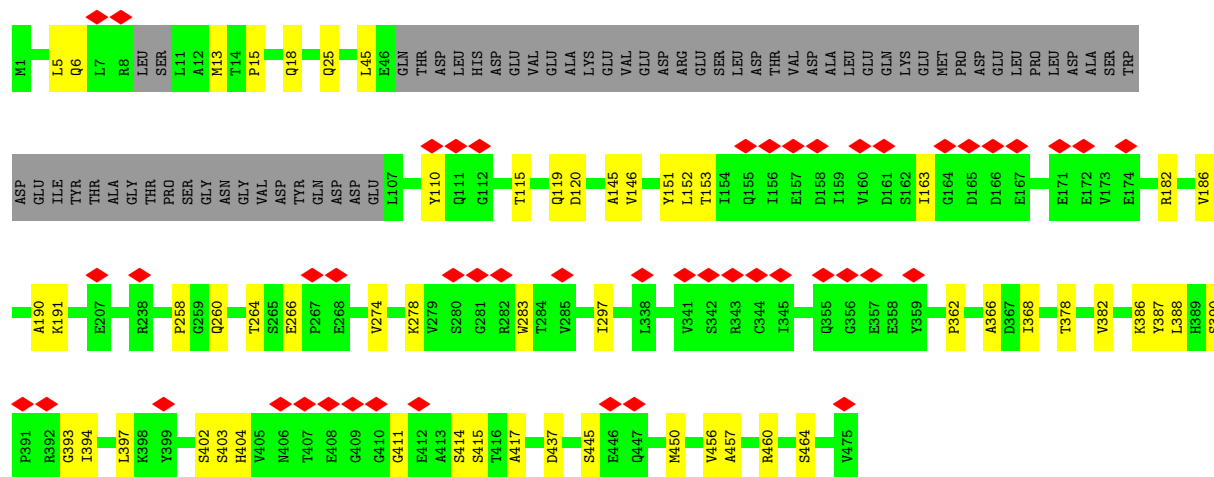
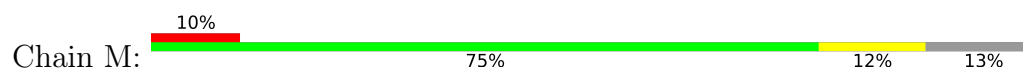
- Molecule 5: Non-template DNA (34-MER)



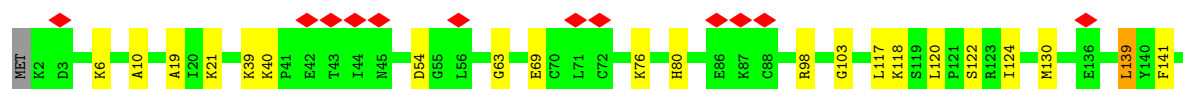
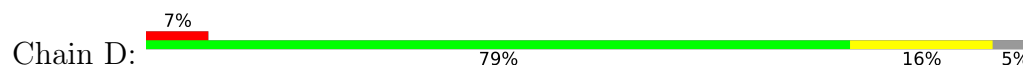
- Molecule 6: Template DNA (34-MER)



- Molecule 7: RNA polymerase sigma-54 factor



- Molecule 8: DNA-directed RNA polymerase subunit beta'



PRO	GLY	SER	GLY	GLY	ALA	LEU	ALA	ASP	GLY	LEU	ASP	GLY	LEU	ASP	ASN	ALA	GLY	LEU	GLY	GLY	GLY	SER	ASP	ASN	GLU																						
G1171	R1174	L1175	V1176	I1190	S1211	P1214	Y1241	G1245	K1263	A1264	T1265	I1266	G1277	E1278	Q1279	E1291	N1295	Y1302	S1318	F1319	I1320	S1321	A1322	A1323	T1328	L1332	R1341	D1342	N1350	G1354	R1355	L1356	I1357	P1358	A1359	G1362	G1376	ALA									
ALA	LYS	ARG	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA	ALA								
PRO	PRO	GLN	VAL	THR	GLU	GLU	GLU	GLU	GLU	LEU	LEU	ASN	ALA	GLY	LEU	GLY	GLY	GLY	GLY	GLY	GLY	SER	ASP	ASN	GLU																						
R1075	P1076	A1077	L1078	K1079	I1080	V1081	D1082	A1083	Q1084	G1085	N1086	D1087	V1088	LEU	ILE	PRO	GLY	THR	ASP	MET	PRO	A1097	Q1098	L1101	P1102	G1103	K1104	D1111	Q1114	I1115	S1116	S1117	G1118	P1125	Q1126	GLU	SER	GLY	GLY	THR	LYS	D1133	D1143	A1147	A1154	I1155	E1168
E947	V952	K955	C956	K964	T976	L984	I985	D986	T991	K992	A1004	Q1010	G1014	V1017	T1024	I1028	T1029	F1034	I1041	D1042	G1043	Q1044	Q1049	THR	ASP	GLU	LEU	THR	GLY	LEU	S1057	D1063	E1066	R1067	THR	ALA	GLY										
E811	D812	D813	C814	V825	I826	D830	V831	K832	R842	V843	E846	L849	T856	L857	R860	N861	T862	L863	S884	V885	S887	C888	D889	T890	D891	F892	C895	A896	E913	A914	I915	G916	A919	A920	Q921	T931	M932	R933	THR	PHE	HIS	ILE	GLY	GLY	ALA	ALA	
G671	L672	V673	T674	G675	A676	E677	R678	Y679	N680	K681	V682	I683	D684	I685	A689	M698	Q702	T703	E704	T705	V706	I707	N708	G711	Q712	E713	E714	K715	D727	A730	M743	L746	M747	A748	K749	P750	D751	G752	S753	I754	I755	P758	A761	N762	G766	V809	T810
Q335	F338	R339	G344	K345	R346	V347	D348	G351	R352	S353	V354	I355	L363	H364	Q365	C366	G367	L368	P369	L376	L385	L390	A391	A397	M424	L432	G433	I434	Q435	A436	F437	E438	I442	E443	A446	A456	A467	A480	M484	M485	S486						
V146	I147	E148	R156	D177	A184	L188	M192	E204	T208	F227	G231	V244	P251	L252	V253	P254	L255	D256	G257	G258	R259	L282	A286	E301	A302	V303	L306	L307	D308	N309	G310	R311	R314	A315	I316	P323	S326	L327	A328	D329	M330						

## 4 Experimental information

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, Not provided	
Number of particles used	22724	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	PHASE FLIPPING AND AMPLITUDE CORRECTION	Depositor
Microscope	TFS KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	50	Depositor
Minimum defocus (nm)	1000	Depositor
Maximum defocus (nm)	3000	Depositor
Magnification	Not provided	
Image detector	GATAN K3 BIOQUANTUM (6k x 4k)	Depositor
Maximum map value	17.469	Depositor
Minimum map value	-5.107	Depositor
Average map value	-0.018	Depositor
Map value standard deviation	0.926	Depositor
Recommended contour level	3.67	Depositor
Map size ( $\text{\AA}$ )	308.0, 308.0, 308.0	wwPDB
Map dimensions	280, 280, 280	wwPDB
Map angles ( $^\circ$ )	90.0, 90.0, 90.0	wwPDB
Pixel spacing ( $\text{\AA}$ )	1.1, 1.1, 1.1	Depositor

## 5 Model quality [i](#)

### 5.1 Standard geometry [i](#)

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	1	0.25	0/1246	0.39	0/1732
1	2	0.25	0/1256	0.42	0/1746
1	3	0.26	0/1256	0.44	0/1746
1	4	0.26	0/1276	0.45	0/1774
1	5	0.26	0/1256	0.43	0/1746
1	6	0.25	0/1276	0.44	0/1774
2	A	0.26	0/1129	0.48	0/1570
2	B	0.33	0/1099	0.50	0/1527
3	C	0.27	0/6598	0.44	0/9172
4	E	0.23	0/365	0.38	0/507
5	N	0.75	0/777	0.94	0/1196
6	T	0.83	0/785	1.01	0/1210
7	M	0.33	0/2047	0.45	0/2850
8	D	0.30	0/6560	0.47	0/9112
All	All	0.33	0/26926	0.50	0/37662

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 [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	1	1247	0	566	12	0
1	2	1257	0	569	9	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
1	3	1257	0	569	21	0
1	4	1277	0	583	21	0
1	5	1257	0	569	23	0
1	6	1277	0	583	15	0
2	A	1130	0	514	28	0
2	B	1101	0	501	37	0
3	C	6599	0	2971	161	0
4	E	366	0	167	0	0
5	N	694	0	382	59	0
6	T	700	0	382	46	0
7	M	2050	0	918	35	0
8	D	6566	0	3043	154	0
All	All	26778	0	12317	568	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 15.

The worst 5 of 568 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)
8:D:310:GLY:O	8:D:315:ALA:CB	1.69	1.38
2:B:4:SER:CB	2:B:7:GLU:CB	2.13	1.27
8:D:308:ASP:CB	8:D:327:LEU:CB	2.15	1.23
8:D:310:GLY:O	8:D:315:ALA:HB2	1.00	1.18
8:D:118:LYS:HA	8:D:122:SER:HA	1.38	1.04

There are no symmetry-related clashes.

## 5.3 Torsion angles ⓘ

### 5.3.1 Protein backbone ⓘ

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	1	251/259 (97%)	227 (90%)	22 (9%)	2 (1%)	16	55
1	2	253/259 (98%)	241 (95%)	12 (5%)	0	100	100
1	3	253/259 (98%)	233 (92%)	20 (8%)	0	100	100
1	4	257/259 (99%)	225 (88%)	32 (12%)	0	100	100
1	5	253/259 (98%)	226 (89%)	27 (11%)	0	100	100
1	6	257/259 (99%)	231 (90%)	26 (10%)	0	100	100
2	A	227/329 (69%)	198 (87%)	29 (13%)	0	100	100
2	B	219/329 (67%)	197 (90%)	22 (10%)	0	100	100
3	C	1339/1341 (100%)	1218 (91%)	117 (9%)	4 (0%)	37	73
4	E	72/91 (79%)	70 (97%)	2 (3%)	0	100	100
7	M	407/475 (86%)	367 (90%)	35 (9%)	5 (1%)	11	44
8	D	1322/1407 (94%)	1148 (87%)	168 (13%)	6 (0%)	25	64
All	All	5110/5526 (92%)	4581 (90%)	512 (10%)	17 (0%)	38	73

5 of 17 Ramachandran outliers are listed below:

Mol	Chain	Res	Type
1	1	92	HIS
7	M	15	PRO
7	M	258	PRO
7	M	456	VAL
8	D	120	LEU

### 5.3.2 Protein sidechains ⓘ

There are no protein residues with a non-rotameric sidechain to report in this entry.

### 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 [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.



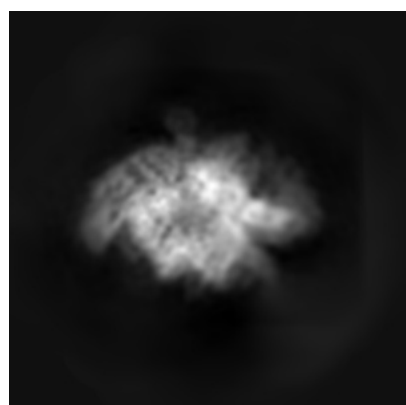
## 6 Map visualisation [i](#)

This section contains visualisations of the EMDB entry EMD-52914. These allow visual inspection of the internal detail of the map and identification of artifacts.

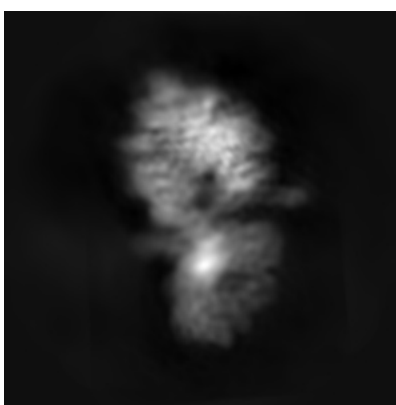
No raw map or half-maps were deposited for this entry and therefore no images, graphs, etc. pertaining to the raw map can be shown.

### 6.1 Orthogonal projections [i](#)

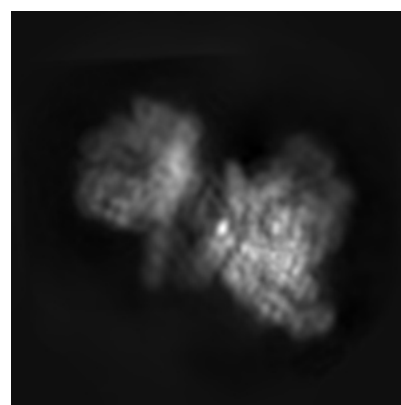
#### 6.1.1 Primary map



X



Y

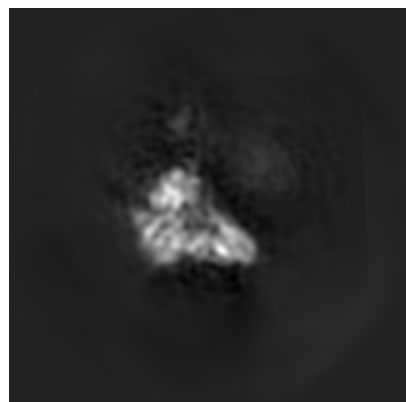


Z

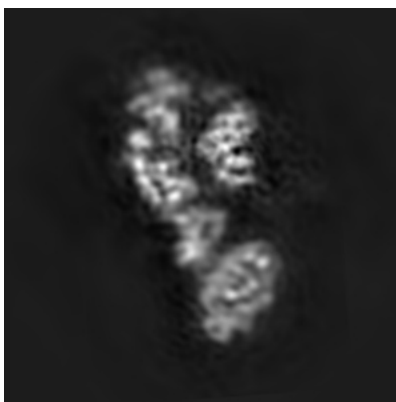
The images above show the map projected in three orthogonal directions.

### 6.2 Central slices [i](#)

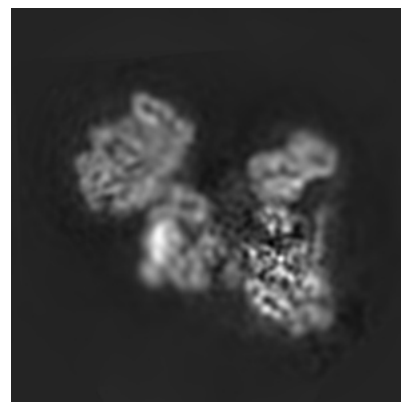
#### 6.2.1 Primary map



X Index: 140



Y Index: 140

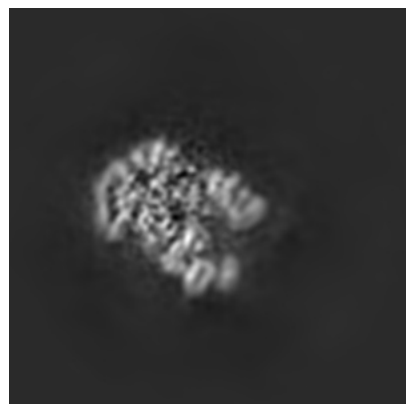


Z Index: 140

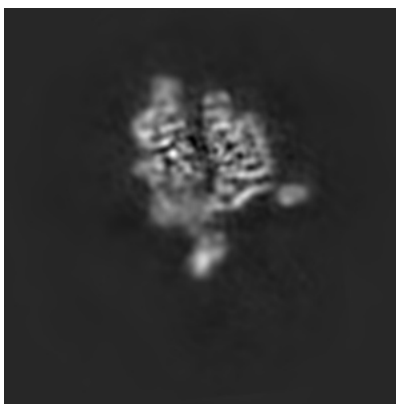
The images above show central slices of the map in three orthogonal directions.

## 6.3 Largest variance slices [i](#)

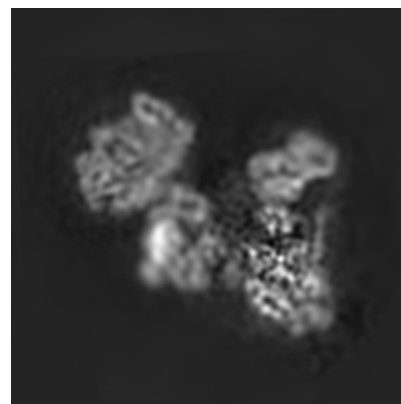
### 6.3.1 Primary map



X Index: 184



Y Index: 115

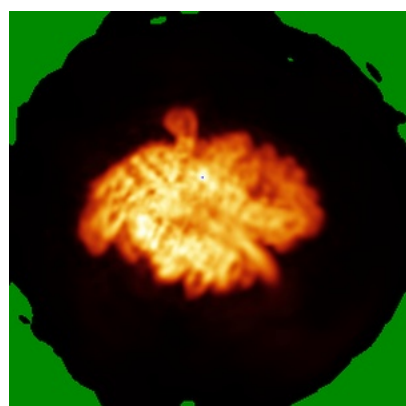


Z Index: 140

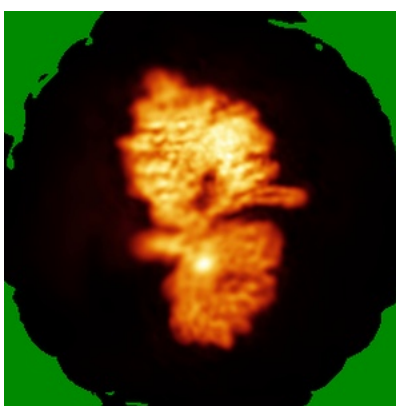
The images above show the largest variance slices of the map in three orthogonal directions.

## 6.4 Orthogonal standard-deviation projections (False-color) [i](#)

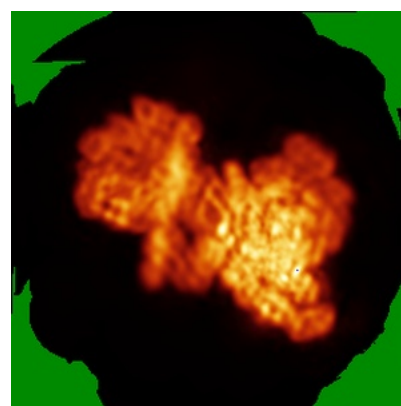
### 6.4.1 Primary map



X



Y

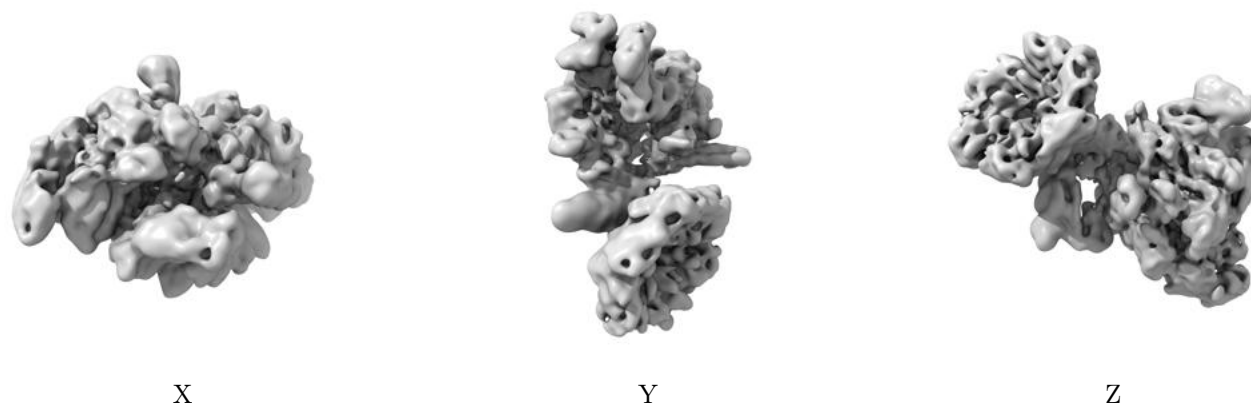


Z

The images above show the map standard deviation projections with false color in three orthogonal directions. Minimum values are shown in green, max in blue, and dark to light orange shades represent small to large values respectively.

## 6.5 Orthogonal surface views [i](#)

### 6.5.1 Primary map



The images above show the 3D surface view of the map at the recommended contour level 3.67. These images, in conjunction with the slice images, may facilitate assessment of whether an appropriate contour level has been provided.

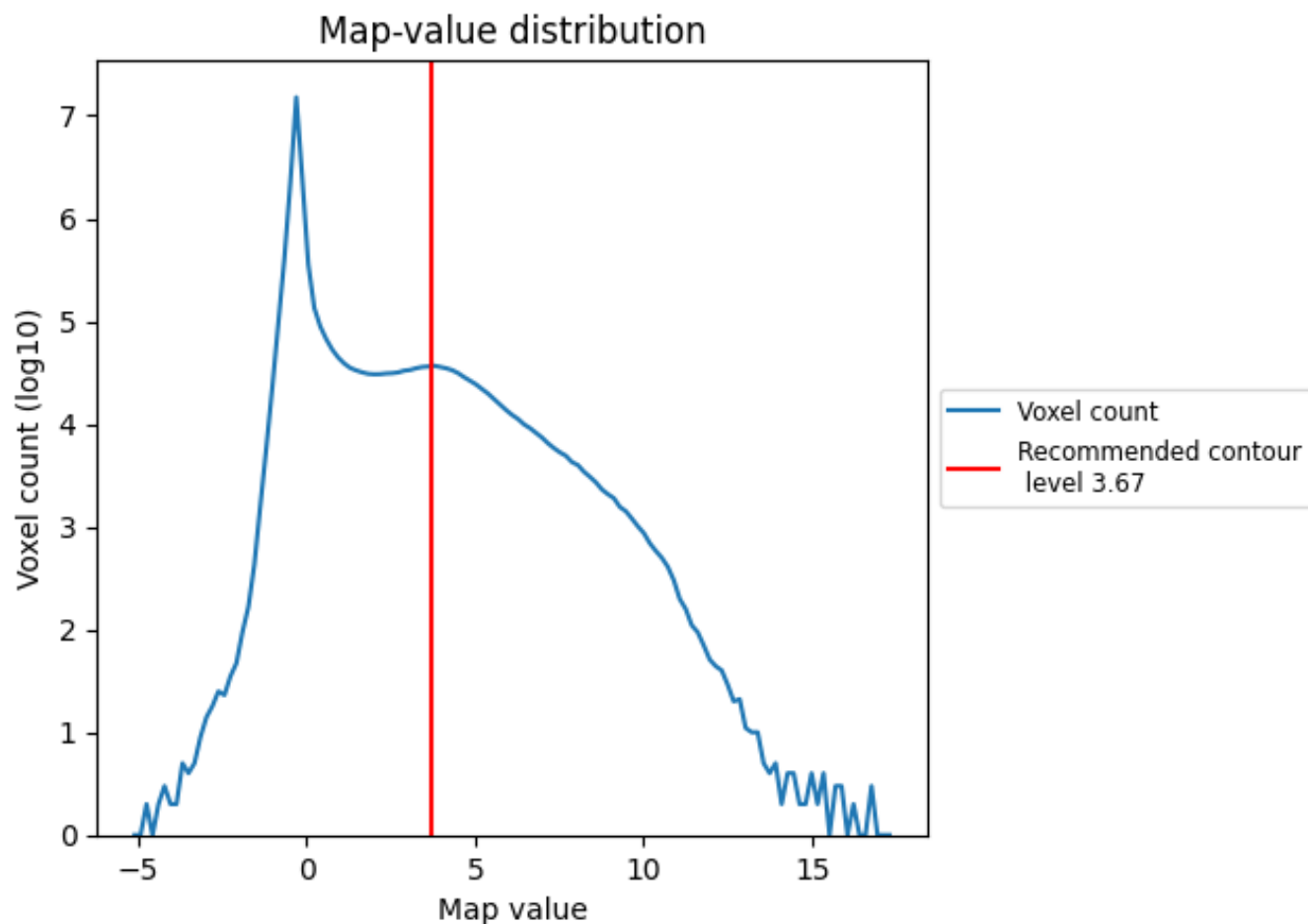
## 6.6 Mask visualisation [i](#)

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

## 7 Map analysis [i](#)

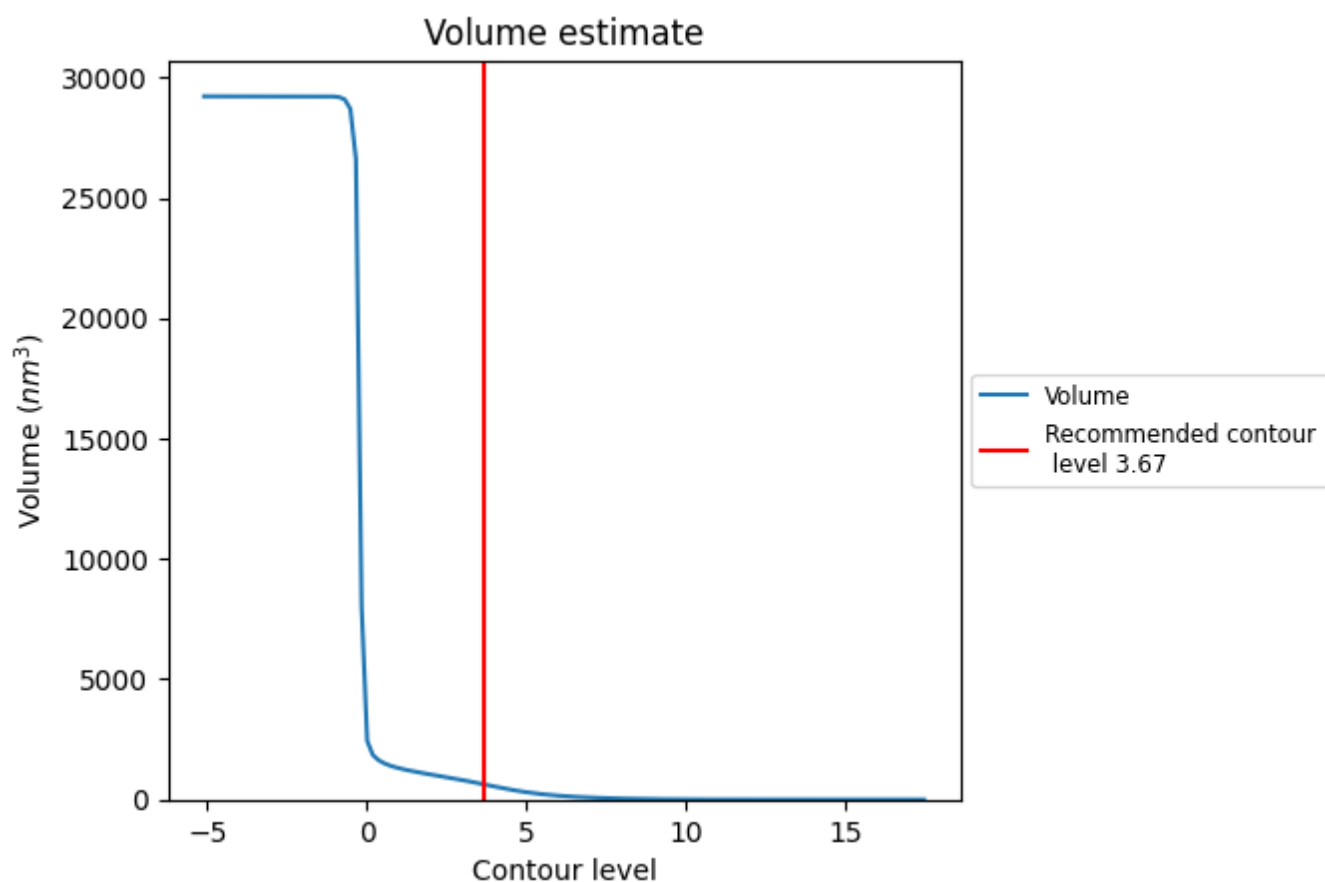
This section contains the results of statistical analysis of the map.

### 7.1 Map-value distribution [i](#)



The map-value distribution is plotted in 128 intervals along the x-axis. The y-axis is logarithmic. A spike in this graph at zero usually indicates that the volume has been masked.

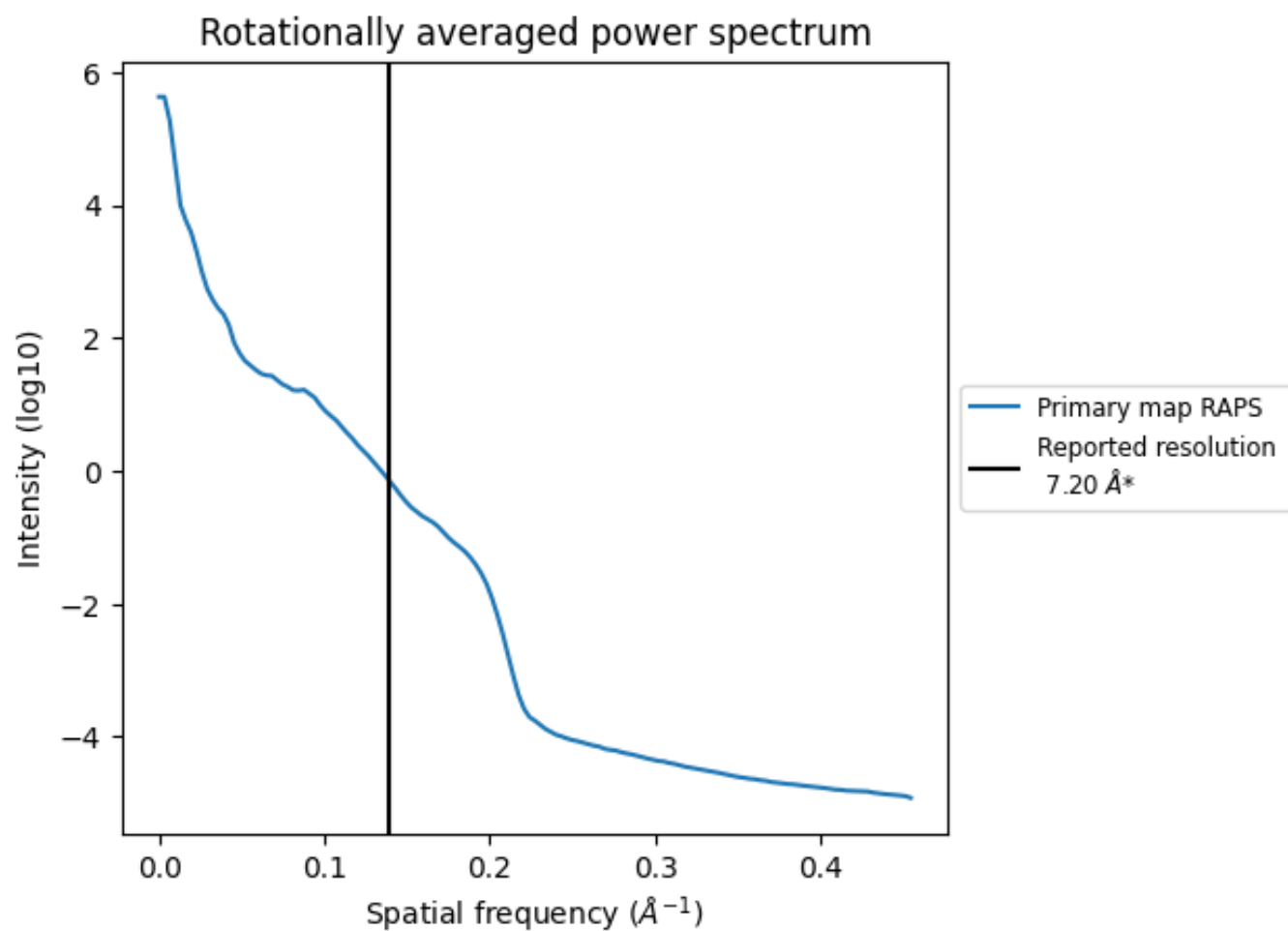
## 7.2 Volume estimate [i](#)



The volume at the recommended contour level is 634 nm<sup>3</sup>; this corresponds to an approximate mass of 572 kDa.

The volume estimate graph shows how the enclosed volume varies with the contour level. The recommended contour level is shown as a vertical line and the intersection between the line and the curve gives the volume of the enclosed surface at the given level.

### 7.3 Rotationally averaged power spectrum ⓘ



\*Reported resolution corresponds to spatial frequency of 0.139 Å<sup>-1</sup>

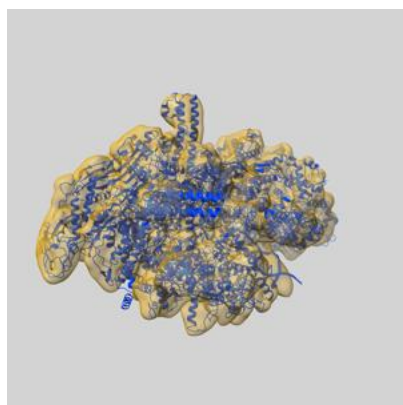
## 8 Fourier-Shell correlation

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

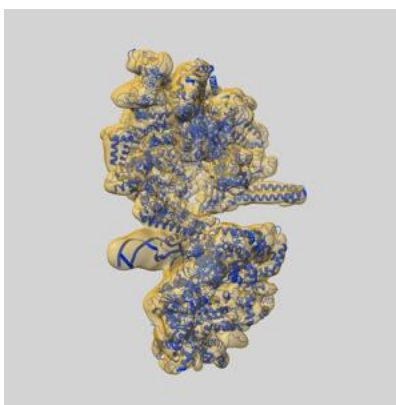
## 9 Map-model fit [i](#)

This section contains information regarding the fit between EMDB map EMD-52914 and PDB model 9Q91. Per-residue inclusion information can be found in section [3](#) on page [7](#).

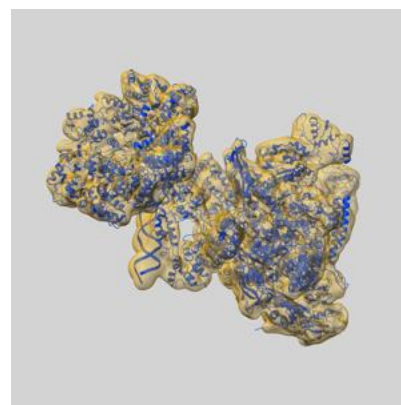
### 9.1 Map-model overlay [i](#)



X



Y

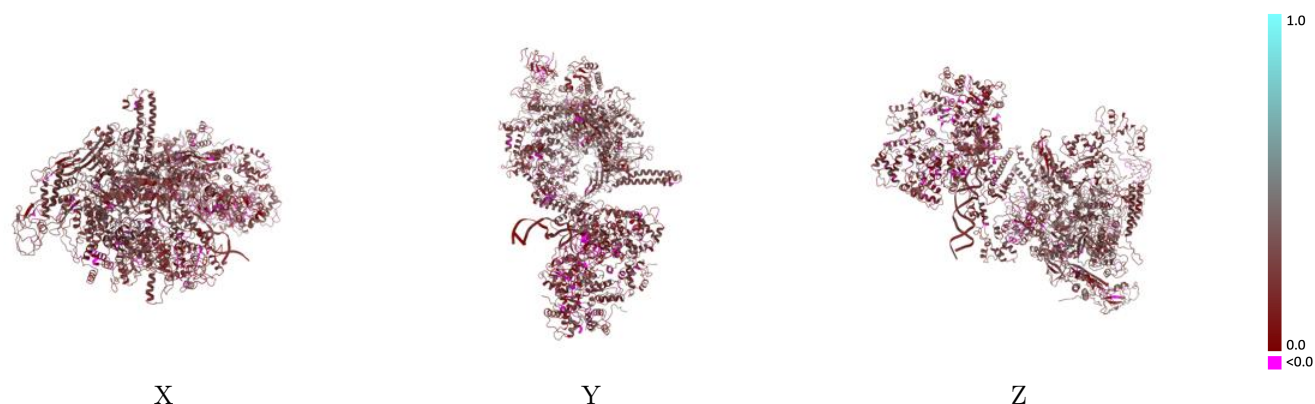


Z

The images above show the 3D surface view of the map at the recommended contour level 3.67 at 50% transparency in yellow overlaid with a ribbon representation of the model coloured in blue. These images allow for the visual assessment of the quality of fit between the atomic model and the map.

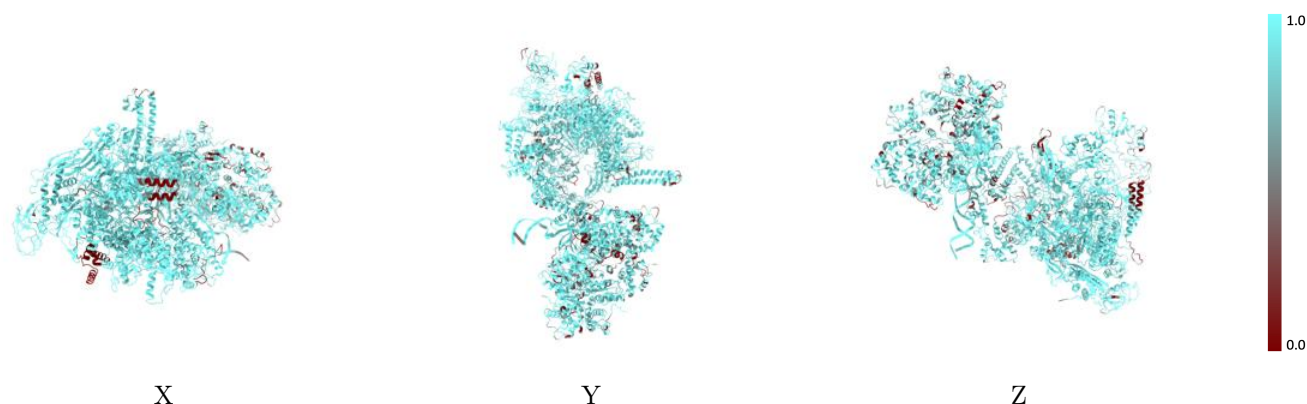


## 9.2 Q-score mapped to coordinate model [i](#)



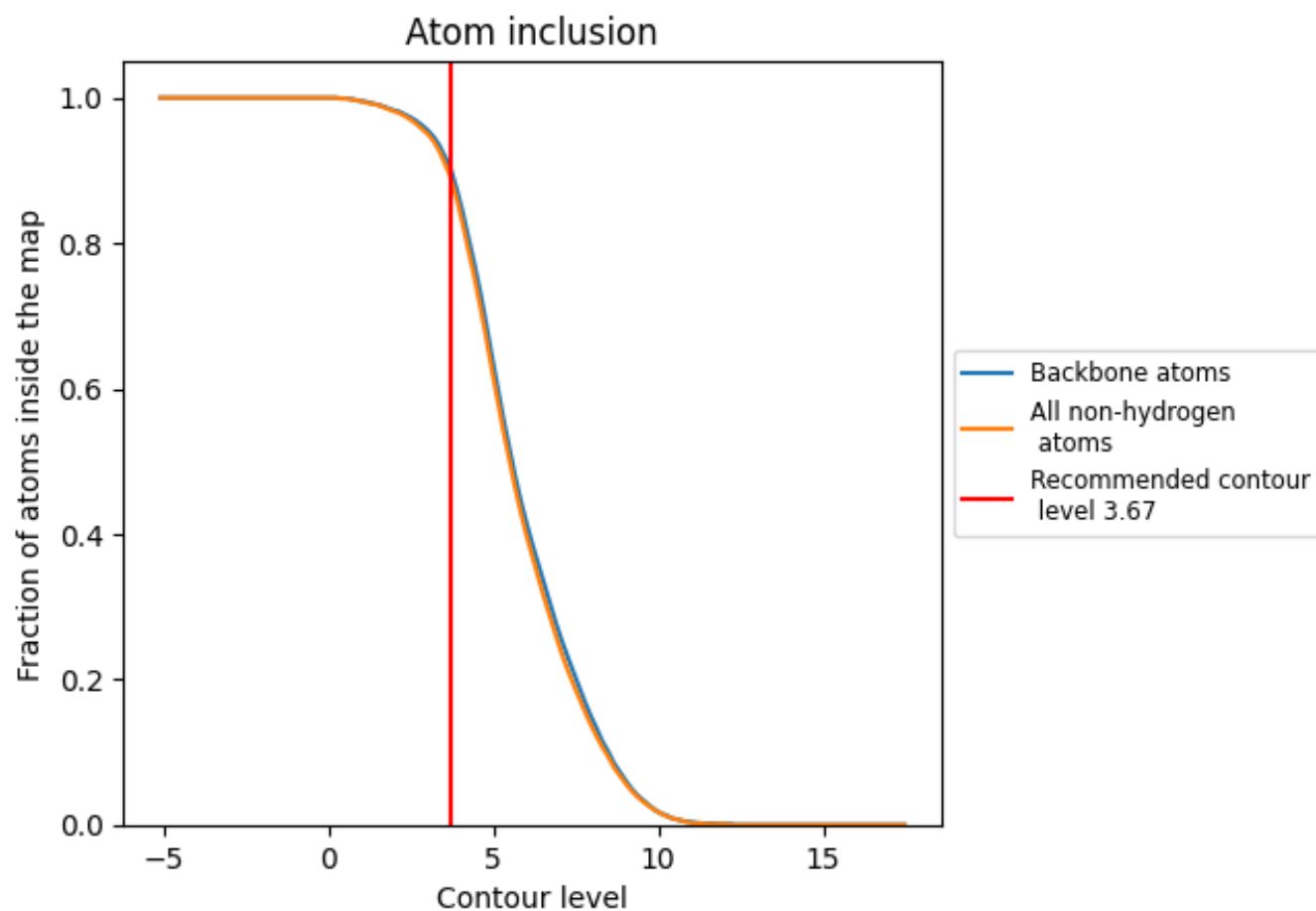
The images above show the model with each residue coloured according to its Q-score. This shows their resolvability in the map with higher Q-score values reflecting better resolvability. Please note: Q-score is calculating the resolvability of atoms, and thus high values are only expected at resolutions at which atoms can be resolved. Low Q-score values may therefore be expected for many entries.

## 9.3 Atom inclusion mapped to coordinate model [i](#)



The images above show the model with each residue coloured according to its atom inclusion. This shows to what extent they are inside the map at the recommended contour level (3.67).

## 9.4 Atom inclusion [i](#)



At the recommended contour level, 90% of all backbone atoms, 89% of all non-hydrogen atoms, are inside the map.

9.5 Map-model fit summary ⓘ

The table lists the average atom inclusion at the recommended contour level (3.67) and Q-score for the entire model and for each chain.

Chain	Atom inclusion	Q-score
All	<div><div></div>0.8940</div>	<div><div></div>0.2240</div>
1	<div><div></div>0.8520</div>	<div><div></div>0.1700</div>
2	<div><div></div>0.8450</div>	<div><div></div>0.1890</div>
3	<div><div></div>0.8770</div>	<div><div></div>0.2010</div>
4	<div><div></div>0.8790</div>	<div><div></div>0.1930</div>
5	<div><div></div>0.8480</div>	<div><div></div>0.2010</div>
6	<div><div></div>0.7450</div>	<div><div></div>0.1660</div>
A	<div><div></div>0.9930</div>	<div><div></div>0.2690</div>
B	<div><div></div>0.9690</div>	<div><div></div>0.2560</div>
C	<div><div></div>0.9490</div>	<div><div></div>0.2640</div>
D	<div><div></div>0.9150</div>	<div><div></div>0.2390</div>
E	<div><div></div>0.0380</div>	<div><div></div>0.1000</div>
M	<div><div></div>0.8590</div>	<div><div></div>0.1910</div>
N	<div><div></div>0.9700</div>	<div><div></div>0.1850</div>
T	<div><div></div>0.9410</div>	<div><div></div>0.1860</div>

1.0

0.0

<0.0