



wwPDB EM Validation Summary Report ⓘ

Nov 20, 2022 – 01:18 AM EST

EMDB ID : EMD-23636
Title : Open conformation of the Yeast wild-type gamma-TuRC
Authors : Brilot, A.F.; Lyon, A.S.; Zelter, A.; Viswanath, S.; Maxwell, A.; MacCoss, M.J.; Muller, E.G.; Sali, A.; Davis, T.N.; Agard, D.A.
Deposited on : 2021-03-17
Resolution : 3.60 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/EMMapValidationReportHelp>

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.dev43
Validation Pipeline (wwPDB-VP) : 2.31.2

1 Experimental information

Property	Value	Source
EM reconstruction method	HELICAL	Depositor
Imposed symmetry	HELICAL, twist=0°, rise=0.01 Å, axial sym=C1	Depositor
Number of segments used	36251	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Final reconstruction in cisTEM	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	80.0	Depositor
Minimum defocus (nm)	0.9	Depositor
Maximum defocus (nm)	2.0	Depositor
Magnification	47214.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor

2 Map visualisation

This section contains visualisations of the EMDB entry EMD-23636. 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.

2.1 Orthogonal projections

This section was not generated.

2.2 Central slices

This section was not generated.

2.3 Largest variance slices

This section was not generated.

2.4 Orthogonal surface views

This section was not generated.

2.5 Mask visualisation

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

3 Map analysis ⓘ

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

3.1 Map-value distribution ⓘ

This section was not generated.

3.2 Volume estimate versus contour level ⓘ

This section was not generated.

3.3 Rotationally averaged power spectrum ⓘ

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

4 Fourier-Shell correlation

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