WORLDWIDE PDB

PROTEIN DATA BANK

wwPDB EM Validation Summary Report ⓘ

Nov 21, 2022 – 03:47 pm GMT

EMDB ID	:	EMD-13296
Title	:	RuvAB branch migration motor complexed to the Holliday junction - RuvB AAA+ state s3 [t2 dataset]
Authors	:	Wald, J.; Marlovits, T.C.
Deposited on	:	2021-08-02
Resolution	:	3.20 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*
A user guide is available at
https://www.wwpdb.org/validation/2017/EMMapValidationReportHelp
with specific help available everywhere you see the ⓘ symbol.

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

EMDB validation analysis	:	0.0.0.dev97
Validation Pipeline (wwPDB-VP)	:	2.26

1   Experimental information   ⓘ

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	Not Provided	
Number of particles used	77587	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose $(e^-/\text{Å}^2)$	30.7	Depositor
Minimum defocus (nm)	0.5	Depositor
Maximum defocus (nm)	4.0	Depositor
Magnification	Not provided	
Image detector	GATAN K2 QUANTUM (4k x 4k)	Depositor

2 Map visualisation ⓘ

This section contains visualisations of the EMDB entry EMD-13296. 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 (i)

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