



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:13 pm GMT

EMDB ID : EMD-7594
Title : Promotion of Virus Assembly and Organization by the Measles Virus Matrix Protein: RNP average
Authors : , Ke.Z.; , Strauss.JD.; , Hampton.CM.; , Dillard.RS.; , Wright.ER.
Deposited on : 2018-03-19
Resolution : 35.00 Å(reported)

This is a wwPDB EM Map 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 : **FAILED**
Validation Pipeline (wwPDB-VP) : 2.13

1 Experimental information

Property	Value	Source
EM reconstruction method	subtomogramAveraging	Depositor
Imposed symmetry	HELICAL, twist=-27.6923°, rise=78.0 Å, axial sym=C13	Depositor
Number of images used	2925	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL 2200FS	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	2.0	Depositor
Minimum defocus (nm)	4.0	Depositor
Maximum defocus (nm)	8.0	Depositor
Magnification	20000.0	Depositor
Image detector	DIRECT ELECTRON DE-20 (5k x 3k)	Depositor