



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:39 pm GMT

EMDB ID : EMD-5369
Title : Structural transitions in RCNMV revealing potential mechanism of RNA release (native map)
Authors : , Sherman.MB.; , Guenther.RH.; , Tama.F.; , Sit.TL.; , Brooks.CL.; , Mikhailov.AM.; , Orlova.EV.; , Baker.TS.; , Lommel.SA.
Deposited on : 2011-12-12
Resolution : 8.50 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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	4000	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	micrograph	Depositor
Microscope	FEI/PHILIPS CM300FEG/T	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	20	Depositor
Minimum defocus (nm)	0.8	Depositor
Maximum defocus (nm)	2.8	Depositor
Magnification	49523.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor