



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:36 pm GMT

EMDB ID : EMD-5449
Title : Dynamics in Cryo EM Reconstructions Visualized with Maximum-Likelihood
Derived Variance Maps
Authors : , Wang.Q.; , Matsui.T.; , Domitrovic.T.; , Zheng.Y.; , Doerschuk.PC.; , John-
son.JE.
Deposited on : 2012-07-22
Resolution : 22.00 Å(reported)

This is a Full wwPDB EM Map Validation 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	1200	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each image	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/\text{\AA}^2$)	Not provided	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	Not provided	Depositor