



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:39 pm GMT

EMDB ID : EMD-5646
Title : Independent reconstruction of Mm-cpn cryo-EM density map from half dataset
in the closed state (Testing map)
Authors : , DiMaio.F.; , Zhang.J.; , Chiu.W.; , Baker.D.
Deposited on : 2013-05-01
Resolution : 4.70 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	22446	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each micrograph	Depositor
Microscope	JEOL 3200FSC	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	20	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	3.0	Depositor
Magnification	112000.0	Depositor
Image detector	GENERIC GATAN (4k x 4k)	Depositor