



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:34 pm GMT

EMDB ID : EMD-8543
Title : 3D negative stain EM structure of Pom152, the major component of the membrane ring of the nuclear pore complex
Authors : , Upla.P.; , Kim.SJ.; , Sampathkumar.P.; , Dutta.K.; , Cahill.SM.; , Chemmama.IE.; , Williams.R.; , Bonanno.JB.; , Rice.WJ.; , Stokes.DL.; , Cowburn.D.; , Almo.SC.; , Sali.A.; , Rout.MP.; , Fernandez-Martinez.J.
Deposited on : 2017-01-03
Resolution : 25.00 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	singleParticle	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of images used	7967	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL 2100F	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/\text{\AA}^2$)	15.0	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	1.5	Depositor
Magnification	81911.0	Depositor
Image detector	TVIPS TEMCAM-F224 (2k x 2k)	Depositor