



## Full wwPDB EM Map Validation 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 Full wwPDB EM Map Validation Report for a publicly released PDB entry.

We welcome your comments at [validation@mail.wwpdb.org](mailto: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.

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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 |