



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:36 pm GMT

EMDB ID : EMD-8707
Title : Negative stain reconstruction of Endoplasmic Reticulum HSP40 co-chaperone native ERdj3 tetramer.
Authors : , Chowdhury.S.; , Lander.GC.; , Chen.K-C.; , Qu.S.; , Noxon.IC.; , Schonhoft.JD.; , Plate.L.; , Powers.ET.; , Kelly.JW.; , Wiseman.RL.
Deposited on : 2017-04-26
Resolution : 16.90 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 | POINT, C2 | Depositor |
| Number of images used | 17405 | Depositor |
| Resolution determination method | FSC 0.143 CUT-OFF | Depositor |
| CTF correction method | Ctffind4 was used for determining the CTF of each micrograph. Phases of each micrographs were flipped before particle extraction. | Depositor |
| Microscope | FEI TECNAI 12 | Depositor |
| Voltage (kV) | 120 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 35.0 | Depositor |
| Minimum defocus (nm) | 1.0 | Depositor |
| Maximum defocus (nm) | 1.2 | Depositor |
| Magnification | 52000. | Depositor |
| Image detector | TVIPS TEMCAM-F416 (4k x 4k) | Depositor |