



Full wwPDB EM Map Validation Report ⓘ

Dec 7, 2020 – 03:52 pm GMT

EMDB ID : EMD-0481
Title : Role of Era in Assembly and Homeostasis of the Ribosomal Small Subunit
Authors : Razi, A.; Davis, J.H.; Hao, Y.; Jahagirdar, D.; Thurlow, B.; Basu, K.; Jain, N.; Gomez-Blanco, J.; Britton, R.A.; Vargas, J.; Guarne, A.; Woodson, S.A.; Williamson, J.R.; Ortega, J.
Deposited on : 2019-01-20
Resolution : 4.80 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 | SINGLE PARTICLE | Depositor |
| Imposed symmetry | POINT, C1 | Depositor |
| Number of particles used | 186369 | Depositor |
| Resolution determination method | FSC 0.143 CUT-OFF | Depositor |
| CTF correction method | Not provided | Depositor |
| Microscope | FEI TITAN KRIOS | Depositor |
| Voltage (kV) | 300 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 35.0 | Depositor |
| Minimum defocus (nm) | 1.25 | Depositor |
| Maximum defocus (nm) | 2.75 | Depositor |
| Magnification | 75000. | Depositor |
| Image detector | FEI FALCON II (4k x 4k) | Depositor |