



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:28 pm GMT

EMDB ID : EMD-8074
Title : Core region of open state rabbit ryanodine receptor 1 activated by calcium ion
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Deposited on : 2016-05-09
Resolution : 4.20 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, C4 | Depositor |
| Number of images used | 41743 | 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 ($e^-/\text{\AA}^2$) | 48.0 | Depositor |
| Minimum defocus (nm) | 1.3 | Depositor |
| Maximum defocus (nm) | 5.4 | Depositor |
| Magnification | 100286. | Depositor |
| Image detector | FEI FALCON II (4k x 4k) | Depositor |