



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:27 pm GMT

EMDB ID : EMD-5031
Title : Structure of a type IV secretion system core complex
Authors : , Fronzes.R.; , Schafer.E.; , Wang.L.; , Saibil.H.; , Orlova.E.; , Waksman.G.
Deposited on : 2008-11-10
Resolution : 15.00 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

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 | Not Provided | Depositor |
| Number of images used | 3051 | Depositor |
| Resolution determination method | FSC 0.5 CUT-OFF | Depositor |
| CTF correction method | phase flipping, each CCD image | Depositor |
| Microscope | FEI TECNAI F20 | Depositor |
| Voltage (kV) | 200 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 20 | Depositor |
| Minimum defocus (nm) | 1.25 | Depositor |
| Maximum defocus (nm) | 3.5 | Depositor |
| Magnification | 68100.0 | Depositor |
| Image detector | GENERIC GATAN | Depositor |