



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:41 pm GMT

EMDB ID : EMD-5790
Title : Cryo-electron microscopy of an immature 50S ribosomal subunit (45S particle)
from Bacillus subtilis depleted of RbgA (YlqF), conformation 2
Authors : , Jomaa.A.; , Jain.N.; , Davis.JH.; , Williamson.JR.; , Britton.RA.; , Ortega.J.
Deposited on : 2013-11-10
Resolution : 13.00 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 | 51016 | Depositor |
| Resolution determination method | OTHER | Depositor |
| CTF correction method | ctFFIND | Depositor |
| Microscope | JEOL 2010F | Depositor |
| Voltage (kV) | 200 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 20 | Depositor |
| Minimum defocus (nm) | 1.5 | Depositor |
| Maximum defocus (nm) | 3.9 | Depositor |
| Magnification | 50000.0 | Depositor |
| Image detector | KODAK SO-163 FILM | Depositor |