



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:28 pm GMT

EMDB ID : EMD-5126  
Title : In vivo 70S E.coli ribosome with PSRP1  
Authors : , Sharma.MR.; , Donhofer.A.; , Barat.C.; , Datta.P.; , Fucini.P.; , Wilson.DN.;  
          , Agrawal.RK.  
Deposited on : 2009-07-21  
Resolution : 14.10 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](mailto: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.

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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                | 18317             | Depositor |
| Resolution determination method      | FSC 0.5 CUT-OFF   | Depositor |
| CTF correction method                | Each Micrograph   | Depositor |
| Microscope                           | FEI TECNAI F20    | Depositor |
| Voltage (kV)                         | 200               | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 24                | Depositor |
| Minimum defocus (nm)                 | 1.6               | Depositor |
| Maximum defocus (nm)                 | 4.3               | Depositor |
| Magnification                        | 50760.0           | Depositor |
| Image detector                       | KODAK SO-163 FILM | Depositor |