



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:48 pm GMT

EMDB ID : EMD-6143  
Title : Cryo-EM reconstructions of E. coli ribosomal 30S subunit assembly intermediates  
Authors : , Sashital.DG.; , Greeman.CA.; , Lyumkis.D.; , Potter.CS.; , Carragher.B.; , Williamson.JR.  
Deposited on : 2014-10-08  
Resolution : 26.10 Å(reported)

This is a wwPDB EM Map Validation Summary 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                | 2975               | Depositor |
| Resolution determination method      | OTHER              | Depositor |
| CTF correction method                | Each micrograph    | Depositor |
| Microscope                           | FEI TECNAI F20     | Depositor |
| Voltage (kV)                         | 200                | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 33.67              | Depositor |
| Minimum defocus (nm)                 | 2.5                | Depositor |
| Maximum defocus (nm)                 | 5.0                | Depositor |
| Magnification                        | 29000.0            | Depositor |
| Image detector                       | GATAN K2 (4k x 4k) | Depositor |