



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:24 pm GMT

EMDB ID : EMD-8056  
Title : In situ sub-tomogram average of HeLa ER-associated ribosomes  
Authors : , Mahamid.J.; , Pfeffer.S.; , Schaffer.M.; , Villa.E.; , Danev.R.; , Kuhn-Cuellar.L.; , Foerster.F.; , Hyman.A.; , Plitzko.J.; , Baumeister.W.  
Deposited on : 2016-01-15  
Resolution : 35.00 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             | subtomogramAveraging      | Depositor |
| Imposed symmetry                     | POINT, C1                 | Depositor |
| Number of images used                | 143                       | Depositor |
| Resolution determination method      | OTHER                     | Depositor |
| CTF correction method                | Not provided              | Depositor |
| Microscope                           | FEI TITAN KRIOS           | Depositor |
| Voltage (kV)                         | 300                       | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 0.8                       | Depositor |
| Minimum defocus (nm)                 | Not provided              | Depositor |
| Maximum defocus (nm)                 | Not provided              | Depositor |
| Magnification                        | Not provided              | Depositor |
| Image detector                       | GATAN K2 SUMMIT (4k x 4k) | Depositor |