



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:11 pm GMT

EMDB ID : EMD-7584
Title : SARS spike glycoprotein, stabilized variant, ACE2-bound dataset, S1 CTD configuration: upwards, downwards, downwards
Authors : , Kirchdoerfer.RN.; , Wang.N.; , Pallesen.J.; , Turner.HL.; , Cottrell.CA.; , McLellan.JS.; , Ward.AB.
Deposited on : 2018-03-19
Resolution : 6.60 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

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 | POINT, C1 | Depositor |
| Number of images used | 19102 | Depositor |
| Resolution determination method | FSC 0.143 CUT-OFF | Depositor |
| CTF correction method | Not provided | Depositor |
| Microscope | FEI TITAN KRIOS | Depositor |
| Voltage (kV) | 300 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 65.0 | Depositor |
| Minimum defocus (nm) | 1.2 | Depositor |
| Maximum defocus (nm) | 2.2 | Depositor |
| Magnification | 29000. | Depositor |
| Image detector | GATAN K2 SUMMIT (4k x 4k) | Depositor |