



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:22 pm GMT

EMDB ID : EMD-7586
Title : SARS spike glycoprotein, stabilized variant, S1 CTD configuration: ACE2-bound, downwards, downwards
Authors : , Kirchdoerfer.RN.; , Wang.N.; , Pallesen.J.; , Turner.HL.; , Cottrell.CA.; , McLellan.JS.; , Ward.AB.
Deposited on : 2018-03-19
Resolution : 6.20 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	22916	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)	2.0	Depositor
Magnification	29000.	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor