



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 11:50 am GMT

EMDB ID : EMD-30042
Title : cryo_EM map of the complex of the RBD of 2019-nCoV with the ACE2-B0AT1 complex, focused refined on extracellular region of ACE2
Authors : , Yan.RH.; , Zhang.YY.; , Li.YN.; , Xia.L.; , Guo.YY.; , Zhou.Q.
Deposited on : 2020-02-25
Resolution : 2.70 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	Not Provided	Depositor
Number of images used	527017	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 ($e^-/\text{\AA}^2$)	50.0	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	GATAN K3 BIOQUANTUM (6k x 4k)	Depositor