



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:25 pm GMT

EMDB ID : EMD-8182  
Title : Broadly neutralizing antibody PGDM21 in complex with BG505 SOSIP.664 Env trimer  
Authors : , Lee.JH.; , Ward.AB.  
Deposited on : 2016-05-13  
Resolution : 21.00 Å(reported)

This is a Full wwPDB EM Map Validation 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.

---

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, C3	Depositor
Number of images used	4378	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TECNAI 12	Depositor
Voltage (kV)	120	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	25.0	Depositor
Minimum defocus (nm)	0.7	Depositor
Maximum defocus (nm)	1.0	Depositor
Magnification	52000.	Depositor
Image detector	TVIPS TEMCAM-F416 (4k x 4k)	Depositor