



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:57 pm GMT

EMDB ID : EMD-8950
Title : Cryo-EM structure at 3.5 Å resolution of vaccine-elicited, fusion peptide-directed antibody OPV-d.01 in complex with HIV-1 Env BG505 DS-SOSIP, and antibodies VRC03 and PGT122
Authors : , Acharya.P.; , Kwong.PD.
Deposited on : 2018-07-08
Resolution : 3.50 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

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	90701	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 ($e^-/\text{\AA}^2$)	95.8	Depositor
Minimum defocus (nm)	0.8	Depositor
Maximum defocus (nm)	2.0	Depositor
Magnification	130000.	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor