



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:38 pm GMT

EMDB ID : EMD-8730
Title : Cryo-EM reconstruction of the HIV-1 BG505 SOSIP.664 Env trimer in complex with soluble CD4 (D1-D2) and fragment antigen binding variable domain of 17b
Authors : , Lyumkis.D.; , de.Val.N.; , Ward.AB.
Deposited on : 2017-05-13
Resolution : 8.60 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	5716	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	performed internally in Relion and Frealign	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	32.0	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	4.0	Depositor
Magnification	38167.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor