



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:30 pm GMT

EMDB ID : EMD-5264
Title : Quaternary structures of HIV Env immunogen exhibit conformational vicissitudes and interface diminution elicited by ligand binding
Authors : , Moscoso.CG.; , Sun.Y.; , Poon.S.; , Xing.L.; , Kan.E.; , Martin.L.; , Green.DJ.; , Lin.F.; , Vahlne.A.; , Barnett.SW.; , Srivastava.IK.; , Cheng.RH.
Deposited on : 2011-02-23
Resolution : 13.00 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

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	2700	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each particle	Depositor
Microscope	JEOL 2010F	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	15	Depositor
Minimum defocus (nm)	3.0	Depositor
Maximum defocus (nm)	6.0	Depositor
Magnification	80000.0	Depositor
Image detector	GENERIC CCD	Depositor