



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:37 pm GMT

EMDB ID : EMD-5447
Title : Molecular Architecture of the Unliganded Membrane-Bound HIV-1 Envelope Glycoprotein Trimer
Authors : , Mao.Y.; , Wang.L.; , Sodroski.J.
Deposited on : 2012-07-11
Resolution : 6.00 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	582914	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Wiener filter	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	10	Depositor
Minimum defocus (nm)	0.2	Depositor
Maximum defocus (nm)	2.0	Depositor
Magnification	200835.0	Depositor
Image detector	GENERIC GATAN (4k x 4k)	Depositor