



wwPDB EM Map Validation Summary Report ⓘ

Dec 7, 2020 – 03:51 pm GMT

EMDB ID : EMD-0466
Title : HIV-1 Env State 2A
Authors : Alshafi, N.; Bakouche, N.; Kazemi, M.; Richard, J.; Ding, S.; Bhattacharyya, S.; Das, D.; Anand, S.P.; Prevost, J.; Tolbert, W.D.; Lu, H.; Medjahed, H.; Delgado, G.G.O.; Kirk, S.; Melillo, B.; Mothes, W.; Sodroski, J.; Smith III, A.B.; Kaufmann, D.E.; Wu, X.; Pazgier, M.; Rouiller, I.; Finzi, A.; Munro, J.B.
Deposited on : 2019-01-15
Resolution : 13.08 Å(reported)

This is a wwPDB EM Map Validation Summary 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	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of particles used	10597	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Using CTFFind4 to estimate the CTF and corrected for CTF in refinement with Relion-auto-refine	Depositor
Microscope	FEI TALOS ARCTICA	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	1.4	Depositor
Minimum defocus (nm)	1.1559	Depositor
Maximum defocus (nm)	3.2076	Depositor
Magnification	79000.	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor