



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:39 pm GMT

EMDB ID : EMD-5702
Title : Negative stained image reconstruction of HIV KHN11444 subtype A
SOSIP.681 in complex with Fab fragment of VRC PG04 monoclonal antibody
Authors : , Khayat.R.; , Lee.JH.; , Wilson.IA.; , Ward.AB.
Deposited on : 2013-06-26
Resolution : 15.00 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	14352	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each particle	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/\text{\AA}^2$)	16	Depositor
Minimum defocus (nm)	0.3	Depositor
Maximum defocus (nm)	0.9	Depositor
Magnification	100000.0	Depositor
Image detector	GENERIC GATAN (4k x 4k)	Depositor