



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:44 pm GMT

EMDB ID : EMD-5781  
Title : Cryo-EM structure of the BG505 SOSIP.650 HIV-1 Env trimer with 3 PGV04 Fabs  
Authors : , Lyumkis.D.; , Julien.JP.; , de.Val.N.; , Cupo.A.; , Potter.CS.; , Klasse.PJ.; , Burton.DR.; , Sanders.RW.; , Moore.JP.; , Carragher.B.; , Wilson.IA.; , Ward.AB.  
Deposited on : 2013-10-27  
Resolution : 8.20 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](mailto: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	10083	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Frealign	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	32	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	4.5	Depositor
Magnification	62000.0	Depositor
Image detector	GENERIC TVIPS (4k x 4k)	Depositor