



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:37 pm GMT

EMDB ID : EMD-5523
Title : Protease Cleavage Leads to Formation of Mature Trimer Interface in HIV-1 Capsid
Authors : , Meng.X.; , Zhao.G.; , Yufenyuy.E.; , Ke.D.; , Ning.J.; , DeLucia.M.; , Ahn.J.; , Gronenborn.AM.; , Aiken.C.; , Zhang.P.
Deposited on : 2012-10-12
Resolution : 13.00 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	helical	Depositor
Imposed symmetry	HELICAL, twist=129.2°, rise=5.9 Å, axial sym=D2	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	CTF correction of each particle	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	15	Depositor
Minimum defocus (nm)	1.0	Depositor
Maximum defocus (nm)	2.5	Depositor
Magnification	50000.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor