



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:15 pm GMT

EMDB ID : EMD-7540
Title : Cryo-EM map of an HIV-1 reverse transcriptase initiation complex in magnesium chloride imaging buffer
Authors : , Larsen.KP.; , Chen.DH.; , Puglisi.JD.; , Puglisi.EV.
Deposited on : 2018-03-09
Resolution : 8.20 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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	67346	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	75.0	Depositor
Minimum defocus (nm)	2.0	Depositor
Maximum defocus (nm)	3.0	Depositor
Magnification	38880.	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor