



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:39 pm GMT

EMDB ID : EMD-8773
Title : Pol I local refinement from Pol I Initial Transcribing Complex at 3.7 angstrom
Authors : , Han.Y.; , He.Y.
Deposited on : 2017-06-16
Resolution : 3.70 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	POINT, C1	Depositor
Number of images used	124112	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	CTF amplitude correction was performed following 3D auto refinement in relion.	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	56.8	Depositor
Minimum defocus (nm)	1.5	Depositor
Maximum defocus (nm)	4.5	Depositor
Magnification	22500.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor