



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:28 pm GMT

EMDB ID : EMD-5051
Title : P22 tail machine
Authors : , Lander.GC.; , Khayat.R.; , Li.R.; , Prevelige.PE.; , Potter.CS.; , Car-
ragher.B.; , Johnson.JE.
Deposited on : 2009-02-02
Resolution : 9.40 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	358893	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	each particle with EMAN	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/\text{\AA}^2$)	20	Depositor
Minimum defocus (nm)	1.2	Depositor
Maximum defocus (nm)	2.9	Depositor
Magnification	50000.0	Depositor
Image detector	TVIPS TEMCAM-F415 (4k x 4k)	Depositor