



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:27 pm GMT

EMDB ID : EMD-5007
Title : Divergence of Quaternary Structures among Bacterial Flagellar Filaments
Authors : , Galkin.VE.; , Yu.X.; , Bielnicki.J.; , Heuser.J.; , Ewing.CP.; , Guerry.P.; , Egelman.EH.
Deposited on : 2008-03-06
Resolution : Not provided

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	helical	Depositor
Imposed symmetry	HELICAL, twist=103.11°, rise=7.5 Å, axial sym=C1	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	Not provided	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	Not provided	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	Not provided	Depositor