



## wwPDB EM Map Validation Summary Report ⓘ

Dec 7, 2020 – 05:23 pm GMT

EMDB ID : EMD-0980  
Title : CryoEM structure of S.typhimurium R-type straight flagellar filament made of FljB (A461V)  
Authors : Yamaguchi, T.; Toma, S.  
Deposited on : 2020-01-29  
Resolution : 3.56 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](mailto: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	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of particles used	2319	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	10.3	Depositor
Minimum defocus (nm)	0.21	Depositor
Maximum defocus (nm)	1.6	Depositor
Magnification	72273.0	Depositor
Image detector	FEI FALCON II (4k x 4k)	Depositor