



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 02:04 pm GMT

EMDB ID : EMD-9901
Title : Helical Reconstruction of S-OPA1 At Nucleotide-free State
Authors : , Zhang.D.; , Zhang.Y.; , Sun.F.
Deposited on : 2019-05-06
Resolution : 15.00 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	helical	Depositor
Imposed symmetry	HELICAL, twist=20.87°, rise=27.0 Å, axial sym=C6	Depositor
Number of images used	5437	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 ($e^-/\text{\AA}^2$)	25.0	Depositor
Minimum defocus (nm)	2.0	Depositor
Maximum defocus (nm)	4.0	Depositor
Magnification	98591.0	Depositor
Image detector	FEI FALCON III (4k x 4k)	Depositor