



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:37 pm GMT

EMDB ID : EMD-8520
Title : Structure of Eukaryotic CMG Helicase at a Replication Fork and Implications to Replisome Architecture and Origin Initiation
Authors : , Georgescu.R.; , Yuan.Z.; , Bai.L.; , Santos.R.; , Sun.J.; , Zhang.D.; , Yurieva.O.; , Li.H.; , O'Donnell.M.
Deposited on : 2016-12-15
Resolution : 6.20 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	POINT, C1	Depositor
Number of images used	83043	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 ($e^-/\text{\AA}^2$)	10.0	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor