



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:32 pm GMT

EMDB ID : EMD-5381
Title : Cdc6-induced Conformational Changes in ORC Bound To Origin DNA Revealed by Cryo-Electron Microscopy. This map may be mirrored (based on comparison to EMD-5625).
Authors : , Sun.J.; , Kawakami.H.; , Zech.J.; , Speck.C.; , Stillman.B.; , Li.H.
Deposited on : 2012-01-08
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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	54000	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Each particle set	Depositor
Microscope	JEOL 2010F	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	15	Depositor
Minimum defocus (nm)	3.0	Depositor
Maximum defocus (nm)	8.0	Depositor
Magnification	60000.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor