



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:54 pm GMT

EMDB ID : EMD-6309
Title : Cryo-EM structure of human peroxiredoxin-3 filament reveals the assembly of a putative chaperone
Authors : , Radjainia.M.; , Venugopal.HP.; , Desfosses.A.; , Phillips.AJ.; , Yewdall.NA.; , Hampton.MB.; , Gerrard.JA.; , Mitra.AK.
Deposited on : 2015-03-19
Resolution : 7.40 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	HELICAL, twist=8.06°, rise=42.82 Å, axial sym=D6	Depositor
Number of images used	466320	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	CTFTILT	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	15	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	50500.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor