



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:41 pm GMT

EMDB ID : EMD-8816
Title : TFIIH reconstruction from particles sorted for density near the XPD ARCH domain using signal-subtracted classification.
Authors : , Greber.BJ.; , Nguyen.THD.; , Fang.J.; , Afonine.PV.; , Adams.PD.; , Nogales.E.
Deposited on : 2017-07-10
Resolution : 5.40 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	35900	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Correction within RELION based on values determined in CTFFIND4.	Depositor
Microscope	FEI TITAN	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	40.0	Depositor
Minimum defocus (nm)	2.0	Depositor
Maximum defocus (nm)	4.5	Depositor
Magnification	37879.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor