



Full wwPDB EM Map Validation Report ⓘ

Dec 7, 2020 – 04:20 pm GMT

EMDB ID : EMD-0587
Title : Cryo-EM structure of the human TFIIH core complex: Map sorted for the MAT1 RING domain.
Authors : Greber, B.J.; Toso, D.; Fang, J.; Nogales, E.
Deposited on : 2019-02-19
Resolution : 4.10 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	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of particles used	81131	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	CTF correction during 3D reconstruction in RELION 3.	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	50.0	Depositor
Minimum defocus (nm)	0.5	Depositor
Maximum defocus (nm)	0.7	Depositor
Magnification	43478.0	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor