



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:51 pm GMT

EMDB ID : EMD-5889
Title : Cryo-electron microscopy of human 80S ribosome
Authors : , Penczek.PA.; , Fang.J.; , Li.X.; , Cheng.Y.; , Loerke.J.; , Spahn.CMT.
Deposited on : 2014-01-22
Resolution : 3.85 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	35198	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Per-particle	Depositor
Microscope	FEI TECNAI F30	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	Not provided	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	GATAN K2 (4k x 4k)	Depositor