



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:28 pm GMT

EMDB ID : EMD-8275  
Title : YphC and YsxC GTPases assist the maturation of the central protuberance, GTPase-associated region, and functional core of the 50S ribosomal subunit  
Authors : , Ni.X.; , Davis.JH.; , Jain.N.; , Razi.A.; , Benlekbir.S.; , McArthur.AG.; , Rubinstein.JR.; , Britton.RA.; , Williamson.JR.; , Ortega.J.  
Deposited on : 2016-06-30  
Resolution : 6.20 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](mailto: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	46430	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	1.0	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor