



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:45 pm GMT

EMDB ID : EMD-8806  
Title : 80S ribosome from *Oryctolagus cuniculus*, class V - with mid-rotated/swiveled  
40S and eeF2, derived from EMPIAR-10064 using eClarity  
Authors : , Himes.BA.; , Zhang.P.  
Deposited on : 2017-06-30  
Resolution : 11.00 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](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.

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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	subtomogramAveraging	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of images used	546	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Phases corrected on the projections by multiplying by the CTF in tiles compensating for the defocus gradient in tilted images.	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	1.5	Depositor
Minimum defocus (nm)	2.4	Depositor
Maximum defocus (nm)	3.7	Depositor
Magnification	Not provided	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor