Full wwPDB EM Map Validation Report (i)

Dec 9, 2020 – 01:43 pm GMT

EMDB ID	:	EMD-8804
Title	:	80S ribsome from Oryctolagus cuniculus, class III - with non-rotated/non-swiveled 40S with P site and E site tRNA, derived from EMPIAR-10064 using eClarity
Authors	:	, Himes.BA.; , Zhang.P.
Deposited on	:	2017-06-30
Resolution	:	10.20 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 (i) symbol.

The following versions of software and data (see references (1)) were used in the production of this report:

EMDB validation analysis	:	FAILED
Validation Pipeline (wwPDB-VP)	:	2.13

1 Experimental information (i)

Property	Value	Source
EM reconstruction method	subtomogramAveraging	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of images used	409	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 ($e^-/Å^2$)	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