



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:26 pm GMT

EMDB ID : EMD-5016
Title : 15.3A eEF2-80S Ribosome Transition State Complex by Cryo-electron Microscopy
Authors : , Sengupta.J.; , Nilsson.J.; , Gursky.R.; , Kjeldgaard.M.; , Nissen.P.; , Frank.J.
Deposited on : 2008-06-20
Resolution : 15.30 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

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	18221	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Segregation in defocus groups and correction in volumes	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	10	Depositor
Minimum defocus (nm)	1.5	Depositor
Maximum defocus (nm)	4.5	Depositor
Magnification	50000.0	Depositor
Image detector	Not provided	Depositor