



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:37 pm GMT

EMDB ID : EMD-5593
Title : 3D reconstruction of yeast 20S proteasome core particle
Authors : , Li.X.; , Kim.HM.; , Cheng.Y.
Deposited on : 2013-03-04
Resolution : 6.90 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	321296	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Each particle	Depositor
Microscope	FEI TECNAI F20	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	25	Depositor
Minimum defocus (nm)	1.2	Depositor
Maximum defocus (nm)	2.1	Depositor
Magnification	100000.0	Depositor
Image detector	TVIPS TEMCAM-F816 (8k x 8k)	Depositor