



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:28 pm GMT

EMDB ID : EMD-5154  
Title : Negative stain EM of the recombinant *Acidianus tengchongensis* chaperonin beta.  
Authors : , Huo.Y.; , Hu.Z.; , Zhang.K.; , Wang.L.; , Zhai.Y.; , Zhou.Q.; , Lander.G.; , Zhu.J.; , He.Y.; , Pang.X.; , Xu.W.; , Bartlam.M.; , Dong.Z.; , Sun.F.  
Deposited on : 2009-12-14  
Resolution : 14.00 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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	2328	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	each photo	Depositor
Microscope	FEI TECNAI 20	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	Not provided	Depositor
Minimum defocus (nm)	0.3	Depositor
Maximum defocus (nm)	0.8	Depositor
Magnification	70000.0	Depositor
Image detector	GATAN ULTRASCAN 1000 (2k x 2k)	Depositor