



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:35 pm GMT

EMDB ID : EMD-5531  
Title : Single particle tomography of TRiC chaperonin with internalized substrate  
Authors : , Shahmoradian.SH.; , Galaz.JG.; , Schmid.MF.; , Cong.Y.; , Ma.B.; , Spiess.C.; , Frydman.J.; , Ludtke.SJ.; , Chiu.W.  
Deposited on : 2012-12-03  
Resolution : 42.00 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](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.

---

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	Not Provided	Depositor
Number of images used	356	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL 2100	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	62	Depositor
Minimum defocus (nm)	5.0	Depositor
Maximum defocus (nm)	5.0	Depositor
Magnification	25000.0	Depositor
Image detector	GENERIC CCD	Depositor