



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:40 pm GMT

EMDB ID : EMD-5752
Title : Cryogenic electron microscopy of cardiac actin:tropomyosin
Authors : , Sousa.DR.; , Stagg.SM.; , Stroupe.ME.
Deposited on : 2013-08-26
Resolution : 15.00 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

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	HELICAL, twist=166.6°, rise=27.5 Å, axial sym=C1	Depositor
Number of images used	49318	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Micrograph	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	30	Depositor
Minimum defocus (nm)	1.5	Depositor
Maximum defocus (nm)	4.0	Depositor
Magnification	101555.0	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor