



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:40 pm GMT

EMDB ID : EMD-5740
Title : Structure of an RNA silencing complex of the CRISPR-Cas immune system
Authors : , Spilman.MS.; , Cocozaki.AI.; , Hale.C.; , Shao.Y.; , Ramia.NF.; , Terns.R.; , Terns.M.; , Li.H.; , Stagg.SM.
Deposited on : 2013-08-12
Resolution : 12.00 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

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	43749	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Phase flip each particle	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	120	Depositor
Electron dose ($e^-/\text{\AA}^2$)	20	Depositor
Minimum defocus (nm)	1.5	Depositor
Maximum defocus (nm)	3.0	Depositor
Magnification	107913.0	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor