



wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:26 pm GMT

EMDB ID : EMD-8233
Title : 8 nm RNA Tetrahedron
Authors : , Li.H.; , Zhang.K.; , Pi.F.; , Guo.S.; , Shlyakhtenko.L.; , Chiu.W.; , Shu.D.; ,
Guo.P.
Deposited on : 2016-06-04
Resolution : 19.00 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	Not Provided	Depositor
Number of images used	1254	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	JEOL 2200FS	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	45.0	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	60000.	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor