



wwPDB EM Map Validation Summary Report ⓘ

Dec 13, 2020 – 11:05 am GMT

EMDB ID : EMD-9282
Title : MicroED map of biotin at 0.9 Å resolution
Authors : , Jones.CG.; , Martynowycz.MW.; , Hattne.J.; , Fulton.T.; , Stoltz.BM.; ,
Rodriguez.JA.; , Nelson.HM.; , Gonen.T.
Deposited on : 2018-10-30
Resolution : 0.90 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	electronCrystallography	Depositor
Imposed symmetry	3D CRYSTAL, $a=5.2$ Å, $b=10.31$ Å, $c=20.91$ Å, $\alpha=90^\circ$, $\beta=90^\circ$, $\gamma=90^\circ$, space group=P 21 21 21	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	DIFFRACTION PATTERN/LAYERLINES	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TALOS ARCTICA	Depositor
Voltage (kV)	200	Depositor
Electron dose ($e^-/\text{\AA}^2$)	0.09	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	FEI CETA (4k x 4k)	Depositor