



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 11:14 am GMT

EMDB ID : EMD-21022
Title : MicroED structure of a ketone product from modified trpB at 0.9A resolution
Authors : , Dick.M.; , Sarai.NS.; , Martynowycz.MW.; , Gonen.T.; , Arnold.FH.
Deposited on : 2019-11-21
Resolution : 0.90 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 | electronCrystallography | Depositor |
| Imposed symmetry | 3D CRYSTAL, $a=6.630$ Å, $b=9.08$ Å, $c=19.97$ Å, $\alpha=90^\circ$, $\beta=90^\circ$, $\gamma=90^\circ$, space group=19 | 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 ($e^-/\text{Å}^2$) | 0.01 | 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 |