



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:32 pm GMT

EMDB ID : EMD-5434
Title : dATP-inhibited class Ia ribonucleotide reductase from E. coli: alpha4beta4 open conformation 4
Authors : , Zimanyi.CM.; , Ando.N.; , Brignole.E.; , Asturias.FJ.; , Stubbe.J.; , Drennan.CL.
Deposited on : 2012-06-13
Resolution : 29.80 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 | 553 | Depositor |
| Resolution determination method | FSC 0.5 CUT-OFF | Depositor |
| CTF correction method | each particle | Depositor |
| Microscope | FEI TECNAI F20 | Depositor |
| Voltage (kV) | 120 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 25 | Depositor |
| Minimum defocus (nm) | 0.275 | Depositor |
| Maximum defocus (nm) | 1.801 | Depositor |
| Magnification | 50000.0 | Depositor |
| Image detector | GATAN ULTRASCAN 4000 (4k x 4k) | Depositor |