



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:41 pm GMT

EMDB ID : EMD-5823  
Title : Negative-stain electron microscopy reconstruction of Tetrahymena telomerase (f-p50, affinity labeled by two copies of anti-FLAG Fab)  
Authors : , Jiang.J.; , Miracco.EJ.; , Hong.K.; , Eckert.B.; , Chan.H.; , Cash.DD.; , Min.B.; , Zhou.ZH.; , Collins.K.; , Feigon.J.  
Deposited on : 2013-12-02  
Resolution : 30.00 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](mailto: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                | 748                         | Depositor |
| Resolution determination method      | OTHER                       | Depositor |
| CTF correction method                | Each particle               | Depositor |
| Microscope                           | FEI TECNAI F20              | Depositor |
| Voltage (kV)                         | 200                         | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 40                          | Depositor |
| Minimum defocus (nm)                 | 1.2                         | Depositor |
| Maximum defocus (nm)                 | 3.7                         | Depositor |
| Magnification                        | 68027.0                     | Depositor |
| Image detector                       | TVIPS TEMCAM-F415 (4k x 4k) | Depositor |