



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 11:29 am GMT

EMDB ID : EMD-22270  
Title : Structure of SARS-CoV-2 replication/transcription complex bound to nsp13 helicase - nsp13(1)-RTC  
Authors : , Chen.J.; , Malone.B.; , Llewellyn.EC.; , Campbell.EA.; , Darst.SA.  
Deposited on : 2020-07-03  
Resolution : 4.00 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.

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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                | 17345              | Depositor |
| Resolution determination method      | FSC 0.143 CUT-OFF  | Depositor |
| CTF correction method                | Not provided       | Depositor |
| Microscope                           | FEI TITAN KRIOS    | Depositor |
| Voltage (kV)                         | 300                | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 65.0               | Depositor |
| Minimum defocus (nm)                 | Not provided       | Depositor |
| Maximum defocus (nm)                 | Not provided       | Depositor |
| Magnification                        | Not provided       | Depositor |
| Image detector                       | GATAN K3 (6k x 4k) | Depositor |