



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 11:31 am GMT

EMDB ID : EMD-22860  
Title : SARS-CoV spike in complex with CR3022 Fab (3 Fab bound)  
Authors : , Ward.AB.; , Bangaru.S.  
Deposited on : 2020-10-15  
Resolution : 24.00 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](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                     | POINT, C1           | Depositor |
| Number of images used                | 6331                | Depositor |
| Resolution determination method      | FSC 0.143 CUT-OFF   | Depositor |
| CTF correction method                | Not provided        | Depositor |
| Microscope                           | FEI TECNAI SPIRIT   | Depositor |
| Voltage (kV)                         | 120                 | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 50.0                | Depositor |
| Minimum defocus (nm)                 | Not provided        | Depositor |
| Maximum defocus (nm)                 | Not provided        | Depositor |
| Magnification                        | Not provided        | Depositor |
| Image detector                       | FEI EAGLE (4k x 4k) | Depositor |