



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:06 pm GMT

EMDB ID : EMD-6953  
Title : Hepatitis B virus spherical subviral particle  
Authors : , Cao.J.; , Luo.S.; , Zhang.J.; , Zhu.P.  
Deposited on : 2018-04-30  
Resolution : 30.10 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                     | Not Provided                    | Depositor |
| Number of images used                | 5478                            | Depositor |
| Resolution determination method      | FSC 0.143 CUT-OFF               | Depositor |
| CTF correction method                | Not provided                    | Depositor |
| Microscope                           | FEI TALOS ARCTICA               | Depositor |
| Voltage (kV)                         | 200                             | 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                       | DIRECT ELECTRON DE-20 (5k x 3k) | Depositor |