



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:36 pm GMT

EMDB ID : EMD-5142  
Title : Ab initio reconstruction of the avian polyomavirus via the asymmetric random-model method  
Authors : , Sanz.E.; , Stewart.AB.; , Belnap.DM.  
Deposited on : 2009-11-21  
Resolution : 35.00 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                     | Not Provided      | Depositor |
| Number of images used                | 4198              | Depositor |
| Resolution determination method      | FSC 0.5 CUT-OFF   | Depositor |
| CTF correction method                | None              | Depositor |
| Microscope                           | FEI TECNAI F30    | Depositor |
| Voltage (kV)                         | 200               | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | Not provided      | Depositor |
| Minimum defocus (nm)                 | 0.7               | Depositor |
| Maximum defocus (nm)                 | 4.9               | Depositor |
| Magnification                        | 39000.0           | Depositor |
| Image detector                       | KODAK SO-163 FILM | Depositor |