



## wwPDB EM Validation Summary Report ⓘ

Mar 3, 2025 – 12:14 pm GMT

EMDB ID : EMD-50146  
Title : Focused refinement of SV2B luminal domain and BoNT/A1 complex  
Authors : Khanppnavar, B.; Leka, O.; Korkhov, V.; Kammerer, R.  
Deposited on : 2024-04-22  
Resolution : 3.49 Å(reported)

This is a wwPDB EM 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 types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

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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) : 2.41

# 1 Experimental information

| Property                             | Value                         | Source    |
|--------------------------------------|-------------------------------|-----------|
| EM reconstruction method             | SINGLE PARTICLE               | Depositor |
| Imposed symmetry                     | Not Provided                  |           |
| Number of particles used             | 129039                        | Depositor |
| Resolution determination method      | FSC 0.143 CUT-OFF             | Depositor |
| CTF correction method                | Not provided                  |           |
| Microscope                           | TFS KRIOS                     | Depositor |
| Voltage (kV)                         | 300                           | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 54.0                          | Depositor |
| Minimum defocus (nm)                 | 0.6                           | Depositor |
| Maximum defocus (nm)                 | 2.4                           | Depositor |
| Magnification                        | Not provided                  |           |
| Image detector                       | GATAN K3 BIOQUANTUM (6k x 4k) | Depositor |