



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:45 pm GMT

EMDB ID : EMD-5887  
Title : Preparation of Primary Neurons for Visualizing Neurites in a Frozen-hydrated State Using Cryo-Electron Tomography  
Authors : , Shahmoradian.SH.; , Galiano.MR.; , Wu.C.; , Chen.S.; , Rasband.MN.; , Mobley.WC.; , Chiu.W.  
Deposited on : 2014-01-20  
Resolution : Not provided

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             | tomography   | Depositor |
| Imposed symmetry                     | Not Provided | Depositor |
| Number of images used                | 1            | Depositor |
| Resolution determination method      | Not provided | Depositor |
| CTF correction method                | Not provided | Depositor |
| Microscope                           | JEOL 2100    | Depositor |
| Voltage (kV)                         | 200          | Depositor |
| Electron dose ( $e^-/\text{\AA}^2$ ) | 60           | Depositor |
| Minimum defocus (nm)                 | 7.0          | Depositor |
| Maximum defocus (nm)                 | 7.0          | Depositor |
| Magnification                        | 20000.0      | Depositor |
| Image detector                       | GENERIC CCD  | Depositor |