



Full wwPDB EM Map Validation Report ⓘ

Dec 7, 2020 – 05:12 pm GMT

EMDB ID : EMD-0994
Title : Ultra-high voltage electron microscope tomography using 700-nm-thick neurite section acquired at 6,000 magnification at an accelerating voltage of 1 MV
Authors : Nishida, T.; Yoshimura, R.; Nishi, R.; Imoto, Y.; Endo, Y.
Deposited on : 2020-02-04
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

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 | TOMOGRAPHY | Depositor |
| Imposed symmetry | Not Provided | Depositor |
| Number of tilted images used | 67 | Depositor |
| Resolution determination method | Not provided | Depositor |
| CTF correction method | Not provided | Depositor |
| Microscope | HITACHI H3000 UHVEM | Depositor |
| Voltage (kV) | 1000 | Depositor |
| Electron dose ($e^-/\text{\AA}^2$) | 2.2 | Depositor |
| Minimum defocus (nm) | Not provided | Depositor |
| Maximum defocus (nm) | Not provided | Depositor |
| Magnification | 6000.0 | Depositor |
| Image detector | OTHER | Depositor |