



## wwPDB EM Map Validation Summary Report ⓘ

Dec 7, 2020 – 05:11 pm GMT

EMDB ID : EMD-0987  
Title : Ultra-high voltage electron microscope tomography using 1000-nm-thick neurite section acquired at 20,000 magnification at an accelerating voltage of 2 MV  
Authors : Nishida, T.; Yoshimura, R.; Nishi, R.; Imoto, Y.; Endo, Y.  
Deposited on : 2020-02-01  
Resolution : Not provided

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.

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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 tilted images used	67	Depositor
Resolution determination method	Not provided	Depositor
CTF correction method	Not provided	Depositor
Microscope	HITACHI H3000 UHVEM	Depositor
Voltage (kV)	2000	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	48.0	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	20000.0	Depositor
Image detector	OTHER	Depositor