



## Full wwPDB EM Validation Report ⓘ

May 14, 2024 – 12:19 am BST

EMDB ID : EMD-17823  
Title : Tomogram of the Emilia huxleyi virus 201 (EhV-201) purified particles used for subtomogram averaging.  
Authors : Homola, M.; Buttner, C.R.; Fuzik, T.; Novacek, J.; Chaillet, M.; Forster, F.; Plevka, P.  
Deposited on : 2023-07-11  
Resolution : 25.00 Å(reported)

This is a Full wwPDB EM 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/EMTomogramValidationReportHelp>  
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 : 0.0.1.dev92  
Validation Pipeline (wwPDB-VP) : 2.36.2

# 1 Experimental information

Property	Value	Source
EM reconstruction method	TOMOGRAPHY	Depositor
Imposed symmetry	Not Provided	
Number of tilted images used	1	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Not provided	
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	2.42	Depositor
Minimum defocus (nm)	2.0	Depositor
Maximum defocus (nm)	4.0	Depositor
Magnification	42000.0	Depositor
Image detector	GATAN K3 BIOQUANTUM (6k x 4k)	Depositor

## 2 Tomogram visualisation

This section contains visualisations of the EMDB entry EMD-17823. These allow visual inspection of the internal detail of the tomogram and identification of artifacts.

### 2.1 Orthogonal projections

This section was not generated.

### 2.2 Central slices

This section was not generated.

### 2.3 Largest variance slices

This section was not generated.

### 2.4 Orthogonal standard-deviation projections (False-color)

This section was not generated.

### 2.5 Mask visualisation

This section was not generated. No masks/segmentation were deposited.

MAP-ANALYSIS INFOmissingINFO