



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:25 pm GMT

EMDB ID : EMD-8228  
Title : Tomographic subvolume average of membrane-bound Ebola (EBOV-Makona) glycoproteins bound to the chimerized human monoclonal antibody, c4G7  
Authors : , Tran.EEH.; , Subramaniam.S.  
Deposited on : 2016-06-03  
Resolution : 25.00 Å(reported)

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	subtomogramAveraging	Depositor
Imposed symmetry	POINT, C3	Depositor
Number of images used	135	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	2.0	Depositor
Minimum defocus (nm)	2.0	Depositor
Maximum defocus (nm)	3.0	Depositor
Magnification	23000.	Depositor
Image detector	GATAN K2 QUANTUM (4k x 4k)	Depositor