



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:40 pm GMT

EMDB ID : EMD-8976  
Title : CARD9 CARD helical filament  
Authors : , Holliday.MJ.; , Estevez.A.; , Rohou.A.; , Dueber.EC.; , Fairbrother.WJ.  
Deposited on : 2018-07-14  
Resolution : 20.00 Å(reported)

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	helical	Depositor
Imposed symmetry	HELICAL, twist=-102°, rise=5.0 Å, axial sym=C1	Depositor
Number of images used	11226	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TALOS ARCTICA	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	2.0	Depositor
Minimum defocus (nm)	1.2	Depositor
Maximum defocus (nm)	2.5	Depositor
Magnification	73000.	Depositor
Image detector	FEI CETA (4k x 4k)	Depositor