



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:04 pm GMT

EMDB ID : EMD-6439  
Title : Helical cryo-EM reconstruction of HIV Rev filament  
Authors : , DiMattia.MA.; , Watts.NR.; , Cheng.N.; , Huang.R.; , Heymann.JB.; , Wingfield.PT.; , Grimes.JM.; , Stuart.DI.; , Steven.AC.  
Deposited on : 2015-08-25  
Resolution : 8.30 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	helical	Depositor
Imposed symmetry	HELICAL, twist=22.1°, rise=21.2 Å, axial sym=C6	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Each particle	Depositor
Microscope	FEI POLARA 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	25	Depositor
Minimum defocus (nm)	0.99	Depositor
Maximum defocus (nm)	3.09	Depositor
Magnification	20000.0	Depositor
Image detector	GATAN K2 (4k x 4k)	Depositor