



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:51 pm GMT

EMDB ID : EMD-5774  
Title : A Two-Pronged Structural Analysis of Retroviral Maturation Indicates that Core Formation Proceeds by a Disassembly-Reassembly Pathway Rather than a Displacive Transition  
Authors : , Keller.PW.; , Huang.RK.; , England.M.; , Waki.K.; , Cheng.N.; , Heymann.JB.; , Craven.RC.; , Freed.EO.; , Steven.AC.  
Deposited on : 2013-10-23  
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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	612	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	CTF was determined from the whole micrograph. Phase reversal was applied to each particle.	Depositor
Microscope	FEI/PHILIPS CM200FEG	Depositor
Voltage (kV)	120	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	15	Depositor
Minimum defocus (nm)	0.7	Depositor
Maximum defocus (nm)	2.1	Depositor
Magnification	50000.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor