



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:40 pm GMT

EMDB ID : EMD-5181  
Title : The structure of avian polyomavirus (empty capsids) treated with 250 mM L-arginine  
Authors : , Shen.PS.; , Enderlein.D.; , Nelson.C.; , Carter.WS.; , Kawano.M.; , Xing.L.; , Swenson.RD.; , Olson.NH.; , Baker.TS.; , Cheng.RH.; , Atwood.WJ.; , Johne.R.; , Belnap.DM.  
Deposited on : 2010-04-09  
Resolution : 17.30 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	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	FSC 0.33 CUT-OFF	Depositor
CTF correction method	each micrograph	Depositor
Microscope	FEI TECNAI F30	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	Not provided	Depositor
Minimum defocus (nm)	0.5	Depositor
Maximum defocus (nm)	4.9	Depositor
Magnification	39000.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor