



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:31 pm GMT

EMDB ID : EMD-5346  
Title : 3D map of Cholesteryl Ester Transfer Protein (CETP, 53kDa) at 14 Angstrom  
by cryo-positive-staining EM and single-particle reconstruction  
Authors : , Zhang.L.; , Yan.F.; , Zhang.S.; , Lei.D.; , Charles.MA.; , Cavigliolo.G.; ,  
Oda.M.; , Krauss.RM.; , Weisgraber.KH.; , Rye.KA.; , Pownall.HJ.; , Qiu.X.;  
, Ren.G.  
Deposited on : 2011-10-05  
Resolution : 14.00 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.

---

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	8879	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	ctffind3 in the FREALIGN software package, and corrected by EMAN	Depositor
Microscope	FEI TECNAI 20	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	50	Depositor
Minimum defocus (nm)	0.1	Depositor
Maximum defocus (nm)	0.7	Depositor
Magnification	80000.0	Depositor
Image detector	GATAN ULTRASCAN 4000 (4k x 4k)	Depositor