



## Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 12:45 pm GMT

EMDB ID : EMD-5944  
Title : Pyruvate Carboxylase tetramer in symmetric architecture  
Authors : , Lasso.G.; , Yu.LPC.; , Gil.D.; , Lazaro.M.; , Tong.L.; , Valle.M.  
Deposited on : 2014-04-10  
Resolution : 11.50 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	14080	Depositor
Resolution determination method	OTHER	Depositor
CTF correction method	Volume correction in defocus groups	Depositor
Microscope	JEOL 2200FSC	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	15	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	40000.0	Depositor
Image detector	KODAK SO-163 FILM	Depositor