



wwPDB EM Validation Summary Report ⓘ

Nov 6, 2023 – 10:39 pm GMT

EMDB ID : EMD-15033
Title : Cryo-EM structure of "BC react" conformation of Lactococcus lactis pyruvate carboxylase with acetyl-CoA
Authors : Lopez-Alonso, J.P.; Lazaro, M.; Gil, D.; Choi, P.H.; Tong, L.; Valle, M.
Deposited on : 2022-05-25
Resolution : 2.41 Å(reported)

This is a wwPDB EM Validation Summary Report for a publicly released PDB entry.

We welcome your comments at 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 types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

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) : 2.36

1 Experimental information

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of particles used	128647	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	48.0	Depositor
Minimum defocus (nm)	0.9	Depositor
Maximum defocus (nm)	2.4	Depositor
Magnification	81000.0	Depositor
Image detector	GATAN K3 (6k x 4k)	Depositor