



wwPDB EM Validation Summary Report ⓘ

Mar 15, 2025 – 09:03 pm GMT

EMDB ID : EMD-19110
Title : CryoEM structure of human GARP-ITGFbeta1 in complex with a Fab fragment derived from an activating antibody.
Authors : Felix, J.; Lambert, F.; Marien, L.; van der Woning, B.; Savvides, S.N.; Lucas, S.
Deposited on : 2023-12-12
Resolution : 2.98 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) : 2.41

1 Experimental information

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, C1	Depositor
Number of particles used	320551	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	Not provided	
Microscope	JEOL CRYO ARM 300	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	61.8	Depositor
Minimum defocus (nm)	0.8	Depositor
Maximum defocus (nm)	2.0	Depositor
Magnification	Not provided	
Image detector	GATAN K3 (6k x 4k)	Depositor