



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:46 pm GMT

EMDB ID : EMD-9290  
Title : MicroED map of progesterone at 0.9 Å resolution  
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Rodriguez.JA.; , Nelson.HM.; , Gonen.T.  
Deposited on : 2018-10-30  
Resolution : 0.90 Å(reported)

This is a wwPDB EM Map Validation Summary 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	electronCrystallography	Depositor
Imposed symmetry	3D CRYSTAL, $a=10.38$ Å, $b=12.81$ Å, $c=13.89$ Å, $\alpha=90^\circ$ , $\beta=90^\circ$ , $\gamma=90^\circ$ , space group=P 21 21 21	Depositor
Number of images used	Not provided	Depositor
Resolution determination method	DIFFRACTION PATTERN/LAYERLINES	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TALOS ARCTICA	Depositor
Voltage (kV)	200	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	0.09	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	Not provided	Depositor
Image detector	FEI CETA (4k x 4k)	Depositor