



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 01:02 pm GMT

EMDB ID : EMD-6740  
Title : Human HP1alpha-dinucleosome H3K9Me3 class C  
Authors : , Machida.S.; , Takizawa.Y.; , Ishimaru.M.; , Sekine.S.; , Sugita.Y.; ,  
Nakayama.J.; , Wolf.M.; , Kurumizaka.H.  
Deposited on : 2017-05-22  
Resolution : 11.50 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.

---

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	POINT, C1	Depositor
Number of images used	21344	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	in-focus VPP data	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	38.0	Depositor
Minimum defocus (nm)	Not provided	Depositor
Maximum defocus (nm)	Not provided	Depositor
Magnification	35971.0	Depositor
Image detector	GATAN K2 QUANTUM (4k x 4k)	Depositor