



Full wwPDB X-ray Structure Validation Report

(i)

Nov 19, 2024 – 12:14 PM JST

PDB ID : 8WFM
Title : Crystal structure of Omicron BA.1 in complex with a neutralizing antibody scFv T11
Authors : Terekhov, S.S.; Mokrushina, Y.A.; Zhang, M.; Zhang, N.; Gabibov, A.; Guo, Y.
Deposited on : 2023-09-19
Resolution : 2.99 Å (reported)

This is a Full wwPDB X-ray Structure Validation 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/XrayValidationReportHelp>
with specific help available everywhere you see the (i) 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 (1)) were used in the production of this report:

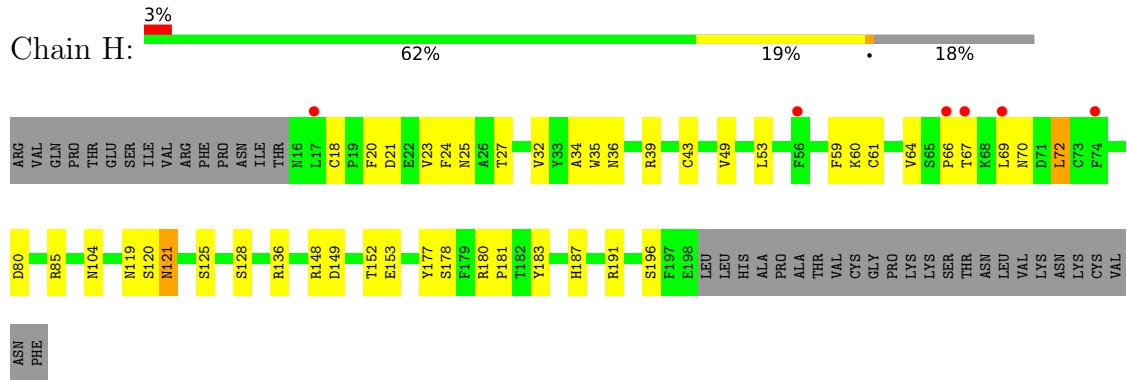
MolProbitiy : 4.02b-467
Xtriage (Phenix) : 1.13
EDS : 3.0
Percentile statistics : 20231227.v01 (using entries in the PDB archive December 27th 2023)
CCP4 : 9.0.003 (Gargrove)
Density-Fitness : 1.0.11
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.39

Continued from previous page...

Mol	Chain	Length	Quality of chain			
2	F	223	2%	65%	14%	18%
2	H	223	3%	62%	19%	18%

Continued from previous page...

Chain	Residue	Modelled	Actual	Comment	Reference
H	122	LYS	ASN	variant	UNP P0DTC2
H	128	SER	GLY	variant	UNP P0DTC2
H	159	ASN	SER	variant	UNP P0DTC2
H	160	LYS	THR	variant	UNP P0DTC2
H	166	ALA	GLU	variant	UNP P0DTC2
H	175	ARG	GLN	variant	UNP P0DTC2
H	178	SER	GLY	variant	UNP P0DTC2
H	180	ARG	GLN	variant	UNP P0DTC2
H	183	TYR	ASN	variant	UNP P0DTC2
H	187	HIS	TYR	variant	UNP P0DTC2



5.6 Ligand geometry [\(i\)](#)

There are no ligands in this entry.

5.7 Other polymers [\(i\)](#)

There are no such residues in this entry.

5.8 Polymer linkage issues [\(i\)](#)

There are no chain breaks in this entry.

6.2 Non-standard residues in protein, DNA, RNA chains [\(i\)](#)

There are no non-standard protein/DNA/RNA residues in this entry.

6.3 Carbohydrates [\(i\)](#)

There are no monosaccharides in this entry.

6.4 Ligands [\(i\)](#)

There are no ligands in this entry.

6.5 Other polymers [\(i\)](#)

There are no such residues in this entry.