

[Search](#)
[History](#)
[Browse Annotations](#)
[MyPDB](#)
[Help](#)
Query: PDB ID(s) in (:6LZG, 6M0J, 6VSB, 6VXX, 6VYB)

[Open In Query Builder](#)
[MyPDB Login](#)

Advanced Search Query Builder

Refinements

[Clear All](#)


SCIENTIFIC NAME OF SOURCE ORGANISM

[Clear](#)

- Severe acute respiratory syndrome coronavirus 2 (4)
- Homo sapiens (1)

TAXONOMY

[Clear](#)

- Riboviria (4)
- Eukaryota (1)

EXPERIMENTAL METHOD

[Clear](#)

- ELECTRON MICROSCOPY (3)
- X-RAY DIFFRACTION (1)

ENTITY POLYMER TYPE

[Clear](#)

- Protein (4)

RESOLUTION (Å)

[Clear](#)

- 2.0 - 2.5 (1)
- 2.5 - 3.0 (1)
- 3.0 - 3.5 (2)

RELEASE DATE

[Clear](#)

- 2020 - 2024 (4)

ENZYME CLASSIFICATION NAME

[Clear](#)

- Hydrolases (1)

MEMBRANE PROTEIN NAME

[Clear](#)

SYMMETRY TYPE

[Clear](#)

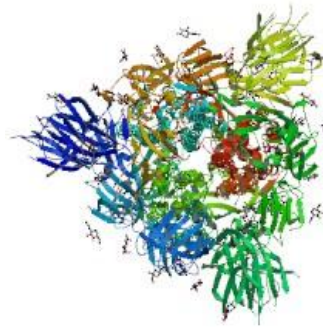
- Asymmetric (3)
- Cyclic (1)

[Clear All](#)

[Summary](#)
[Gallery](#)
[Compact](#)
[-- Tabular Report --](#)
[Download Selected Files](#)
[Select All](#)
[↓ Score](#)

 Displaying 1 to 4 of 4 **Structures**

Page 1 of 1

 Display per page

[3D View](#)

6VSB

[Download File](#) [View File](#)

Prefusion 2019-nCoV spike glycoprotein with a single receptor-binding domain up

Wrapp, D., Wang, N., Corbett, K.S., Goldsmith, J.A., Hsieh, C., Abiona, O., Graham, B.S., McLellan, J.S.

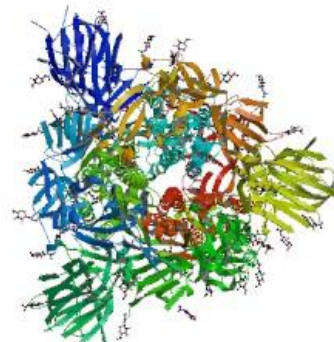
 (2020) *Science* **367**: 1260-1263

Released 2020-02-26

Method ELECTRON MICROSCOPY 3.46 Å

Organisms Severe acute respiratory syndrome coronavirus 2

Macromolecule SARS-CoV-2 spike glycoprotein (protein)

Unique Ligands NAG

[3D View](#)

6VYB

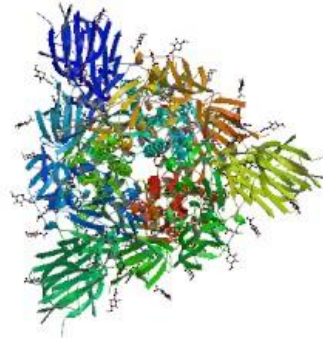
[Download File](#) [View File](#)

SARS-CoV-2 spike ectodomain structure (open state)

Walls, A.C., Park, Y.J., Tortorici, M.A., Wall, A., Seattle Structural Genomics Center for Infectious Disease (SSGCID), McGuire, A.T., Veessler, D.

(2020) Cell

Released	2020-03-11
Method	ELECTRON MICROSCOPY 3.2 Å
Organisms	Severe acute respiratory syndrome coronavirus 2
Macromolecule	SARS-CoV-2 spike glycoprotein (protein)
Unique Ligands	NAG



[3D View](#)

6VXX

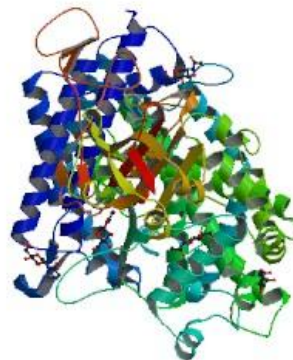
[Download File](#) [View File](#)

Structure of the SARS-CoV-2 spike glycoprotein (closed state)

Walls, A.C., Park, Y.J., Tortorici, M.A., Wall, A., Seattle Structural Genomics Center for Infectious Disease (SSGCID), McGuire, A.T., Veessler, D.

(2020) Cell

Released	2020-03-11
Method	ELECTRON MICROSCOPY 2.8 Å
Organisms	Severe acute respiratory syndrome coronavirus 2
Macromolecule	SARS-CoV-2 spike glycoprotein (protein)
Unique Ligands	NAG



[3D View](#)

6M0J

[Download File](#) [View File](#)

Crystal structure of SARS-CoV-2 spike receptor-binding domain bound with ACE2

Wang, X., Lan, J., Ge, J., Yu, J., Shan, S.

(2020) Nature

Released	2020-03-18
Method	X-RAY DIFFRACTION 2.45 Å
Organisms	Homo sapiens
Macromolecule	Severe acute respiratory syndrome coronavirus 2
	Angiotensin-converting enzyme 2 (protein)
	SARS-CoV-2 receptor-binding domain (protein)
Unique Ligands	CL, NAG, ZN

Displaying 1 to 4 of 4 **Structures**

Page 1 of 1

Display 25 ▼ per page

RCSB PDB is funded by the National Science Foundation (DBI-1832184), the US Department of Energy (DE-SC0019749), and the National Cancer Institute, National Institute of Allergy and Infectious Diseases, and National Institute of General Medical Sciences of the National Institutes of Health under grant R01GM133198.