

| PDB  | Kd(nM) | Reference   | Description   |
|------|--------|---|---|
| 6LZG | 18.5   | <a href="http://dx.doi.org/10.1016/j.cell.2020.03.045">http://dx.doi.org/10.1016/j.cell.2020.03.045</a>   | SARS-CoV-2 spike receptor-binding domain bound with ACE2  |
| 6M0J | 4.70   | <a href="doi.org/10.1038/s41586-020-2180-5">doi.org/10.1038/s41586-020-2180-5</a>   | SARS-CoV-2 spike receptor-binding domain bound with ACE2  |
| 2AJF | 31     | <a href="doi.org/10.1038/s41586-020-2180-5">doi.org/10.1038/s41586-020-2180-5</a>   | <b>SARS-CoV RBD</b>   |
| 7E3J | 18.50  | <a href="http://dx.doi.org/10.1038/s41467-021-24326-y">http://dx.doi.org/10.1038/s41467-021-24326-y</a>   | <b>SARS-CoV-2 binding to dog ACE2</b>   |
| 7EKC | 5.16   | <a href="https://www.nature.com/articles/s41467-021-25402-w">https://www.nature.com/articles/s41467-021-25402-w</a>                                     | Structure of SARS-CoV-2 <b>Gamma</b> variant spike receptor-binding domain complexed with human ACE2  |
| 7EKE | 106.94 | <a href="https://www.nature.com/articles/s41467-021-25402-w">https://www.nature.com/articles/s41467-021-25402-w</a>                                     | Structure of SARS-CoV-2 spike receptor-binding domain <b>F486L</b> mutation complexed with human ACE2   |
| 7EKF | 3.64   | <a href="https://www.nature.com/articles/s41467-021-25402-w">https://www.nature.com/articles/s41467-021-25402-w</a>                                     | Structure of SARS-CoV-2 <b>Alpha</b> variant spike receptor-binding domain complexed with human ACE2  |
| 7EKG | 8.1    | <a href="https://www.nature.com/articles/s41467-021-25402-w">https://www.nature.com/articles/s41467-021-25402-w</a>                                     | Structure of SARS-CoV-2 <b>Beta</b> variant spike receptor-binding domain complexed with human ACE2   |
| 7EKH | 3.07   | <a href="https://www.nature.com/articles/s41467-021-25402-w">https://www.nature.com/articles/s41467-021-25402-w</a>                                     | Structure of SARS-CoV-2 spike receptor-binding domain <b>Y453F</b> mutation complexed with human ACE2   |
| 7EFP | 10.1   | <a href="https://www.nature.com/articles/s41392-021-00756-4">https://www.nature.com/articles/s41392-021-00756-4</a>                                     | Structure of SARS-CoV-2 spike receptor-binding domain in complex with high affinity <b>ACE2 mutant (S19W,N330Y)</b>                           |
| 7EFR | 13.60  | <a href="https://www.nature.com/articles/s41392-021-00756-4">https://www.nature.com/articles/s41392-021-00756-4</a>                                     | Structure of SARS-CoV-2 spike receptor-binding domain in complex with high affinity <b>ACE2 mutant (T27W,N330Y)</b>                           |
| 7SXY | 7.36   | <a href="#">cell</a>  | <b>SARS-CoV-2 D614G mutant spike protein</b> ectodomain bound to human ACE2 ectodomain (focused refinement of RBD and ACE2)                   |
| 7SY0 | 6.25   | <a href="#">cell</a>  | <b>SARS-CoV-2 D614G,L452R mutant spike protein</b> ectodomain bound to human ACE2 ectodomain (focused refinement of RBD and ACE2)             |
| 7SY2 | 3.41   | <a href="#">cell</a>  | <b>SARS-CoV-2 D614G,N501Y mutant spike protein</b> ectodomain bound to human ACE2 ectodomain (focused refinement of RBD and ACE2)             |
| 7SY4 | 1.1    | <a href="#">cell</a>  | <b>SARS-CoV-2 D614G,N501Y,E484K mutant spike protein</b> ectodomain bound to human ACE2 ectodomain (focused refinement of RBD and ACE2)       |
| 7SY6 | 3.25   | <a href="#">cell</a>  | <b>SARS-CoV-2 D614G,N501Y,E484K,K417N mutant spike protein</b> ectodomain bound to human ACE2 ectodomain (focused refinement of RBD and ACE2) |
| 7SY8 | 1.32   | <a href="#">cell</a>  | <b>SARS-CoV-2 D614G,N501Y,E484K,K417T mutant spike protein</b> ectodomain bound to human ACE2 ectodomain (focused refinement of RBD and ACE2) |
| 7NXC | 4.80   | <a href="#">cell_2</a>  | Structure of the receptor binding domain of <b>SARS-CoV-2 P.1 (K417T, E484K, and N501Y)</b> variant Spike glycoprotein in complex with ACE2   |
| 3SCI | 133.33 | <a href="https://www.ijbc.org/article/S0021-9258(20)60852-3/fulltext">https://www.ijbc.org/article/S0021-9258(20)60852-3/fulltext</a>                   | Structure of spike protein receptor-binding domain from a predicted SARS coronavirus human strain complexed with human receptor ACE2          |
| 7U0N | 4.71   | <a href="https://journals.asm.org/doi/10.1128/jvi.00249-22">https://journals.asm.org/doi/10.1128/jvi.00249-22</a>                                       | Structure of chimeric <b>omicron</b> RBD (strain BA.1) complexed with human ACE2  |
| 6CS2 | 150    | <a href="https://www.nature.com/articles/s41598-018-34171-7#MOESM1">https://www.nature.com/articles/s41598-018-34171-7#MOESM1</a>                       | <b>SARS-CoV S 2P : ACE2</b>   |
| 6VW1 | 23.2   | <a href="https://www.nature.com/articles/s41586-020-2179-y">https://www.nature.com/articles/s41586-020-2179-y</a>                                       | Structure of <b>SARS-CoV-2</b> chimeric RBD complexed with its receptor human ACE2  |
| 7WK6 | 80     | <a href="https://www.biorxiv.org/content/10.1101/2022.01.10.475532v1.full.pdf">https://www.biorxiv.org/content/10.1101/2022.01.10.475532v1.full.pdf</a> | ACE2 to <b>Omicron-S</b>  |
| 7BH9 | 0.0035 | <a href="https://www.nature.com/articles/s41564-021-00954-4">https://www.nature.com/articles/s41564-021-00954-4</a>                                     | ACE2-RBD <b>omicron</b>   |
| 7VX4 | 82.66  | <a href="https://www.nature.com/articles/s41467-021-27350-0">https://www.nature.com/articles/s41467-021-27350-0</a>                                     | ACE2-RBD in SARS-CoV-2 Beta variant S-ACE2 complex  |
| 7VX5 | 84.22  | <a href="https://www.nature.com/articles/s41467-021-27350-0">https://www.nature.com/articles/s41467-021-27350-0</a>                                     | ACE2-RBD in SARS-CoV-2 Kappa variant S-ACE2 complex   |
| 7KJ2 | 77     | <a href="https://www.nature.com/articles/s41594-020-00549-3">https://www.nature.com/articles/s41594-020-00549-3</a>                                     | SARS-CoV-2 Spike Glycoprotein with one ACE2 Bound   |
| 7W9I | 41     | <a href="https://www.nature.com/articles/s41467-022-28528-w">https://www.nature.com/articles/s41467-022-28528-w</a>                                     | SARS-CoV-2 Delta S-RBD-ACE2   |
| 7TEX | 2.65   | <a href="https://www.nature.com/articles/s41467-022-28324-6">https://www.nature.com/articles/s41467-022-28324-6</a>                                     | Structure of SARS-CoV-2 Delta (B.1.617.2) spike protein in complex with human ACE2  |
| 7ZF7 | 38     | <a href="#">cell_3</a>  | SARS-CoV-2 Omicron BA.2 RBD in complex with ACE2  |