|  |  |  |  |
| --- | --- | --- | --- |
| # | Resource Name | Link/Detail | Comment |
| 1 | Virus Pathogen Resource | <https://www.viprbrc.org/brc/home.spg?decorator=vipr> | A database for viral pathogens |
| 2 | MEGA software | https://www.megasoftware.net/ | Molecular Evolutionary Analysis Software |
| 3 | UCSC genome browser | https://genome.ucsc.edu | Genome Browser, contains a page for SARS-CoV-2 |
| 4 | Human Cell Atlas | https://www.humancellatlas.org/ | A map of human cells |
| 5 | Genotype-Tissue Expression Database (GTEx) | https://www.gtexportal.org/home/ | Resource to study tissue-specific gene expression and regulation |
| 6 | Online Mendelian Inheritance in Man | https://omim.org/ | An Online Catalog of Human Genes and Genetic Disorders |
| 7 | NCBI Gene | https://www.ncbi.nlm.nih.gov/gene/ | Gene integrates information from a wide range of species. A record may include nomenclature, Reference Sequences (RefSeqs), maps, pathways, variations, phenotypes, and links to genome-, phenotype-, and locus-specific resources |
| 8 | Clustal Omega | <https://www.ebi.ac.uk/Tools/msa/clustalo/> | Multiple Sequence Alignment |
| 9 | Protein Data Bank | <https://www.rcsb.org/> | Database of biological macromolecular structures |
| 10 | iCn3D | <https://www.ncbi.nlm.nih.gov/Structure/icn3d/full.html> | Web-based 3D structure viewer |