

SARS-CoV-2: GENES, PROTEINS AND ITS STRUCTURE

The genome (ID: NC_045512.2) and proteome of SARS-CoV-2 isolate Wuhan-Hu-1 is used in the study.

The ribbon and surface structures of each protein of SARS-CoV-2 is used as models.

The genes, proteins and protein models of SARS-CoV-2 published in our webpages can be used for commercial, non-commercial, scientific, and educational purposes.

CITATION:

Sunil Thomas/Lankenau Institute for Medical Research

REFERENCES:

Thomas, S. (2023). Mapping the accessory proteins (Orfs) of Severe Acute Respiratory Syndrome Coronavirus 2. *Re:GEN Open* 3: 1-10.

Thomas, S. (2022). The gene sequence of the proteins of SARS-CoV-2. *Research Square*. [<https://doi.org/10.21203/rs.3.rs-2190964/v1>].

Thomas, S. (2021). Mapping the non-structural transmembrane proteins of SARS-CoV-2. *Journal of Computational Biology* 28:909-921.

Thomas, S. (2020). The structure of the membrane protein of SARS-CoV-2 resembles the sugar transporter semiSWEET. *Pathogens and Immunity* 5(1):342-363.

RESOURCES:

Women's Board of Lankenau

