

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

CoV2-Spike-EF1a-D614G-N501Y

RRID:Addgene_177939

Type: Plasmid

Proper Citation

RRID:Addgene_177939

Plasmid Information

URL: <http://www.addgene.org/177939>

Proper Citation: RRID:Addgene_177939

Insert Name: SARS-CoV-2 Spike protein (D614G, N501Y)

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34735219](#)

Vector Backbone Description: Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2021.08.05.455082v1> for bioRxiv preprint.

Plasmid Name: CoV2-Spike-EF1a-D614G-N501Y

Relevant Mutation: D614G, N501Y

Record Creation Time: 20220422T222026+0000

Record Last Update: 20260725T074335+0000

Ratings and Alerts

No rating or validation information has been found for CoV2-Spike-EF1a-D614G-N501Y.

No alerts have been found for CoV2-Spike-EF1a-D614G-N501Y.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Pantoja C, et al. (2025) Electromagnetic waves destabilize the SARS-CoV-2 Spike protein and reduce SARS-CoV-2 Virus-Like particle (SC2-VLP) infectivity. Scientific reports, 15(1), 16836.

Graul M, et al. (2025) Anticoronavirus Activity of Uridine Glycoconjugates Containing a 1,2,3-Triazole Moiety. Journal of medicinal chemistry, 68(16), 17859.

Sengar A, et al. (2023) Single-Virus Fusion Measurements Reveal Multiple Mechanistically Equivalent Pathways for SARS-CoV-2 Entry. Journal of virology, 97(5), e0199222.