

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

CoV2-Spike-D614G-Alpha

RRID:Addgene_177961

Type: Plasmid

Proper Citation

RRID:Addgene_177961

Plasmid Information

URL: <http://www.addgene.org/177961>

Proper Citation: RRID:Addgene_177961

Insert Name: SARS-CoV-2 Spike protein (Alpha: del69, 70, del144, D614G, N501Y, A570D, P681H, T716I, S982A, D1118H)

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33991487](https://pubmed.ncbi.nlm.nih.gov/33991487/)

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-D614G-Alpha

Relevant Mutation: del69, 70, del144, D614G, N501Y, A570D, P681H, T716I, S982A, D1118H

Record Creation Time: 20220422T222026+0000

Record Last Update: 20260815T081113+0000

Ratings and Alerts

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

No alerts have been found for CoV2-Spike-D614G-Alpha.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Shi Y, et al. (2024) Mutations accumulated in the Spike of SARS-CoV-2 Omicron allow for more efficient counteraction of the restriction factor BST2/Tetherin. PLoS pathogens, 20(1), e1011912.