Resource Summary Report

Generated by kravitz2 on Sep 6, 2026

Spike Display_Part 1 DO

RRID:Addgene_172721
Type: Plasmid

Proper Citation

RRID:Addgene_172721

Plasmid Information

URL: http://www.addgene.org/172721

Proper Citation: RRID:Addgene_172721

Insert Name: SARS-CoV-2 S HexaPro-D614G

Organism: Severe acute respiratory syndrome coronavirus 2

Bacterial Resistance: Ampicillin

Defining Citation: PMID:34919820

Vector Backbone Description: Vector Backbone:pcDNA5/FRT/TO/intron; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit https://www.biorxiv.org/content/10.1101/2021.03.30.437622v2 for bioRxiv preprint.

Plasmid Name: Spike Display_Part 1 DO

Relevant Mutation: Ectodomain only (AAs 1-1208); 682-685 (furin site) replaced with 'GSAS'; F817P, A892P, A899P, A942P, K986P, V987P, D614G

Record Creation Time: 20220422T222002+0000

Record Last Update: 20260905T075216+0000

Ratings and Alerts

No rating or validation information has been found for Spike Display_Part 1 DO.

No alerts have been found for Spike Display_Part 1 DO.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Javanmardi K, et al. (2022) Antibody escape and cryptic cross-domain stabilization in the SARS-CoV-2 Omicron spike protein. Cell host & microbe, 30(9), 1242.

Javanmardi K, et al. (2021) Rapid characterization of spike variants via mammalian cell surface display. Molecular cell, 81(24), 5099.