

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

pcDNA3.1 SARS-CoV-2 S D614G

RRID:Addgene_158075

Type: Plasmid

Proper Citation

RRID:Addgene_158075

Plasmid Information

URL: <http://www.addgene.org/158075>

Proper Citation: RRID:Addgene_158075

Insert Name: SARS-CoV-2 spike

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32991842](#)

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

Plasmid Name: pcDNA3.1 SARS-CoV-2 S D614G

Relevant Mutation: D614G

Record Creation Time: 20220422T221856+0000

Record Last Update: 20260808T081032+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 SARS-CoV-2 S D614G.

No alerts have been found for pcDNA3.1 SARS-CoV-2 S D614G.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Meyer AR, et al. (2025) Superior Potency of Synthetic Virus-like Structures in Vaccine-Induced Antibody Responses Compared to Q?? Bacteriophage Virus-like Particles. *Viruses*, 17(4).

Wholey WY, et al. (2024) An integrated signaling threshold initiates IgG response towards virus-like immunogens. *bioRxiv : the preprint server for biology*.

Wholey WY, et al. (2024) Minimal Determinants for Lifelong Antiviral Antibody Responses in Mice from a Single Exposure to Virus-like Immunogens at Low Doses. *Vaccines*, 12(4).

Wholey WY, et al. (2024) Minimal determinants for lifelong antiviral antibody responses in BALB/c mice from a single exposure to virus-like immunogens at low doses. *bioRxiv : the preprint server for biology*.

Wholey WY, et al. (2024) An Integrated Signaling Threshold Initiates IgG Response toward Virus-like Immunogens. *Journal of immunology (Baltimore, Md. : 1950)*, 213(8), 1061.

Kim J, et al. (2022) Prospective longitudinal analysis of antibody response after standard and booster doses of SARS-CoV2 vaccination in patients with early breast cancer. *Frontiers in immunology*, 13, 1028102.

Ma Y, et al. (2022) SARS-CoV-2 Spike Stem Protein Nanoparticles Elicited Broad ADCC and Robust Neutralization against Variants in Mice. *Small (Weinheim an der Bergstrasse, Germany)*, 18(25), e2200836.

Du K, et al. (2022) Reduced DMPC and PMPC in lung surfactant promote SARS-CoV-2 infection in obesity. *Metabolism: clinical and experimental*, 131, 155181.

Satta S, et al. (2021) Rapid Detection and Inhibition of SARS-CoV-2-Spike Mutation-Mediated Microthrombosis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 8(23), e2103266.

Wholey WY, et al. (2021) Site-Specific and Stable Conjugation of the SARS-CoV-2 Receptor-Binding Domain to Liposomes in the Absence of Any Other Adjuvants Elicits Potent Neutralizing Antibodies in BALB/c Mice. *Bioconjugate chemistry*, 32(12), 2497.