

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pcDNA3.1 SARS-CoV-2 N

RRID:Addgene_158079

Type: Plasmid

Proper Citation

RRID:Addgene_158079

Plasmid Information

URL: <http://www.addgene.org/158079>

Proper Citation: RRID:Addgene_158079

Insert Name: SARS-CoV-2 nucleocapsid

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 N

Record Creation Time: 20220422T221856+0000

Record Last Update: 20260815T080811+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Schanda K, et al. (2024) Is there an immunological cross-reactivity of antibodies to the myelin oligodendrocyte glycoprotein and coronaviruses? Brain communications, 6(2), fcae106.

Du L, et al. (2024) A viral assembly inhibitor blocks SARS-CoV-2 replication in airway epithelial cells. Communications biology, 7(1), 486.

Bains A, et al. (2023) The Antiviral Activity of the Lectin Griffithsin against SARS-CoV-2 Is Enhanced by the Presence of Structural Proteins. Viruses, 15(12).

Ariumi Y, et al. (2022) Host Cellular RNA Helicases Regulate SARS-CoV-2 Infection. Journal of virology, 96(6), e0000222.

Yamamoto Y, et al. (2022) SARS-CoV-2 Spike Protein Mutation at Cysteine-488 Impairs Its Golgi Localization and Intracellular S1/S2 Processing. International journal of molecular sciences, 23(24).