

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

pRSFDuet-sumo-NSP12 (SARS-CoV-2)

RRID:Addgene_159107

Type: Plasmid

Proper Citation

RRID:Addgene_159107

Plasmid Information

URL: <http://www.addgene.org/159107>

Proper Citation: RRID:Addgene_159107

Insert Name: NSP12

Organism: SARS-CoV-2

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:32783916](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:3000; Vector Backbone:pRSFDuet-1; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Please visit <https://doi.org/10.1101/2020.07.08.194084> for bioRxiv preprint.

Plasmid Name: pRSFDuet-sumo-NSP12 (SARS-CoV-2)

Relevant Mutation: None

Record Creation Time: 20220422T221902+0000

Record Last Update: 20260815T080825+0000

Ratings and Alerts

No rating or validation information has been found for pRSFDuet-sumo-NSP12 (SARS-CoV-2).

No alerts have been found for pRSFDuet-sumo-NSP12 (SARS-CoV-2).

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 [dkNET](#) .

Snyder LR, et al. (2024) Adenosine modifications impede SARS-CoV-2 RNA-dependent RNA transcription. RNA (New York, N.Y.), 30(9), 1141.

Chen J, et al. (2022) Ensemble cryo-EM reveals conformational states of the nsp13 helicase in the SARS-CoV-2 helicase replication-transcription complex. Nature structural & molecular biology, 29(3), 250.

Wang B, et al. (2021) Allosteric Activation of SARS-CoV-2 RNA-Dependent RNA Polymerase by Remdesivir Triphosphate and Other Phosphorylated Nucleotides. mBio, 12(3), e0142321.