

Resource Summary Report

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

pcDNA5-FRT-TO-Nsp5

RRID:Addgene_157685

Type: Plasmid

Proper Citation

RRID:Addgene_157685

Plasmid Information

URL: <http://www.addgene.org/157685>

Proper Citation: RRID:Addgene_157685

Insert Name: Nsp5

Organism: SARS-CoV-2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33313418](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher; Vector Backbone:pcDNA5-FRT-TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA5-FRT-TO-Nsp5

Relevant Mutation: codon optimized

Record Creation Time: 20220422T221854+0000

Record Last Update: 20260815T080807+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA5-FRT-TO-Nsp5.

No alerts have been found for pcDNA5-FRT-TO-Nsp5.

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](#) .

Grin PM, et al. (2024) SARS-CoV-2 3CLpro (main protease) regulates caspase activation of gasdermin-D/E pores leading to secretion and extracellular activity of 3CLpro. Cell reports, 43(12), 115080.