

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

pGTM_COV2_NSP5_C145A_001_SUMO

RRID:Addgene_192349

Type: Plasmid

Proper Citation

RRID:Addgene_192349

Plasmid Information

URL: <http://www.addgene.org/192349>

Proper Citation: RRID:Addgene_192349

Insert Name: SARS-COV-2 Mpro-C145A

Organism: SARS-CoV-2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:37235475](#)

Vector Backbone Description: Backbone Marker:Novagen/Northeast Structural Genomics Consortium; Backbone Size:5737; Vector Backbone:pET15Sumo2_NESG; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pGTM_COV2_NSP5_C145A_001_SUMO

Relevant Mutation: Cysteine 145 of the active site is substituted with Alanine

Record Creation Time: 20240801T080522+0000

Record Last Update: 20260919T093324+0000

Ratings and Alerts

No rating or validation information has been found for pGTM_COV2_NSP5_C145A_001_SUMO.

No alerts have been found for pGTM_COV2_NSP5_C145A_001_SUMO.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.