

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pDONR223 SARS-CoV-2 NSP5 Cys146Ala

RRID:Addgene_154028

Type: Plasmid

Proper Citation

RRID:Addgene_154028

Plasmid Information

URL: <http://www.addgene.org/154028>

Proper Citation: RRID:Addgene_154028

Insert Name: NSP5

Organism: SARS-CoV-2 isolate Wuhan-Hu-1

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:32763951](#)

Vector Backbone Description: Backbone Marker:Rual et al, Genome Res. 14:2128-2135, 2004.; Backbone Size:5005; Vector Backbone:pDONR223; Vector Types:Gateway-compatible Entry vector, with mutagenized insert of NSP5 gene's CDS from SARS-CoV-2 isolate Wuhan-Hu-1; Bacterial Resistance:Spectinomycin

Plasmid Name: pDONR223 SARS-CoV-2 NSP5 Cys146Ala

Relevant Mutation: Many synonymous changes due to codon optimization

Record Creation Time: 20220422T221843+0000

Record Last Update: 20260725T074034+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223 SARS-CoV-2 NSP5 Cys146Ala.

No alerts have been found for pDONR223 SARS-CoV-2 NSP5 Cys146Ala.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.