

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pDONR223 SARS-CoV-2 ORF7B

RRID:Addgene_141277

Type: Plasmid

Proper Citation

RRID:Addgene_141277

Plasmid Information

URL: <http://www.addgene.org/141277>

Proper Citation: RRID:Addgene_141277

Insert Name: ORF7B

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 Cloning; Bacterial Resistance:Spectinomycin

Plasmid Name: pDONR223 SARS-CoV-2 ORF7B

Relevant Mutation: Many synonymous changes due to codon optimization

Record Creation Time: 20220422T221814+0000

Record Last Update: 20260815T080647+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223 SARS-CoV-2 ORF7B.

No alerts have been found for pDONR223 SARS-CoV-2 ORF7B.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Moriyama M, et al. (2023) Enhanced inhibition of MHC-I expression by SARS-CoV-2 Omicron subvariants. Proceedings of the National Academy of Sciences of the United States of America, 120(16), e2221652120.

Banerjee AK, et al. (2020) SARS-CoV-2 Disrupts Splicing, Translation, and Protein Trafficking to Suppress Host Defenses. Cell, 183(5), 1325.