

# Resource Summary Report

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

## pDONR223 SARS-CoV2 TEV-ORF3B

RRID:Addgene\_154417

Type: Plasmid

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### Proper Citation

RRID:Addgene\_154417

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### Plasmid Information

**URL:** <http://www.addgene.org/154417>

**Proper Citation:** RRID:Addgene\_154417

**Insert Name:** ORF3B

**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 insert of ORF3B CDS with a TEV sequence at the N-term.; Bacterial Resistance:Spectinomycin

**Plasmid Name:** pDONR223 SARS-CoV2 TEV-ORF3B

**Relevant Mutation:** Many synonymous changes due to codon optimization

**Record Creation Time:** 20220422T221845+0000

**Record Last Update:** 20260725T074038+0000

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### Ratings and Alerts

No rating or validation information has been found for pDONR223 SARS-CoV2 TEV-ORF3B.

No alerts have been found for pDONR223 SARS-CoV2 TEV-ORF3B.

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### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.