

Resource Summary Report

Generated by SPARC SAWG on Aug 14, 2026

SARS-CoV-2 Spike-d18

RRID:Addgene_164583

Type: Plasmid

Proper Citation

RRID:Addgene_164583

Plasmid Information

URL: <http://www.addgene.org/164583>

Proper Citation: RRID:Addgene_164583

Insert Name: SARS-CoV-2 Spike

Organism: SARS-CoV-2

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Vectorbuilder; Vector Backbone:pRP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Codon-optimized SARS-CoV-2 Spike was cloned from SinoBiological plasmid VG40589-UT. An 18-amino acid truncation was introduced to improve expression. The plasmid can be used to generate Spike-pseudotyped lentiviral or VSV particles.

Plasmid Name: SARS-CoV-2 Spike-d18

Relevant Mutation: Deleted amino acids 1256-1273

Record Creation Time: 20220422T221929+0000

Record Last Update: 20260808T081134+0000

Ratings and Alerts

No rating or validation information has been found for SARS-CoV-2 Spike-d18.

No alerts have been found for SARS-CoV-2 Spike-d18.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.