

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

pTwist-SARS-CoV-2 Spike-deltaC18 AY.4.2

RRID:Addgene_212457

Type: Plasmid

Proper Citation

RRID:Addgene_212457

Plasmid Information

URL: <http://www.addgene.org/212457>

Proper Citation: RRID:Addgene_212457

Insert Name: SARS-CoV-2 Spike T19R ,T95I ,G142D ,Y145H ,deltaE156-F157+R158G ,A222V ,D614G ,P681R

Organism: Severe acute respiratory syndrome coronavirus 2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38496628](#)

Vector Backbone Description: Backbone Marker:Twist; Vector Backbone:pTwist-CMV-BetaGlobin-WPRE-Neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.medrxiv.org/content/10.1101/2024.03.05.24303815v1> for medRxiv preprint.

Plasmid Name: pTwist-SARS-CoV-2 Spike-deltaC18 AY.4.2

Relevant Mutation: T19R ,T95I ,G142D ,Y145H ,deltaE156-F157+R158G ,A222V ,D614G ,P681R

Record Creation Time: 20240915T080616+0000

Record Last Update: 20260808T083144+0000

Ratings and Alerts

No rating or validation information has been found for pTwist-SARS-CoV-2 Spike-deltaC18 AY.4.2.

No alerts have been found for pTwist-SARS-CoV-2 Spike-deltaC18 AY.4.2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Roederer AL, et al. (2024) Ongoing evolution of SARS-CoV-2 drives escape from mRNA vaccine-induced humoral immunity. Cell reports. Medicine, 5(12), 101850.