

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

pTwist-SARS-CoV-2 Spike-deltaC18 Q493R (CGA) G496S (TCA) Q498R (CGA) N501Y (TAT) Y505H (CAT)

RRID:Addgene_212477

Type: Plasmid

Proper Citation

RRID:Addgene_212477

Plasmid Information

URL: <http://www.addgene.org/212477>

Proper Citation: RRID:Addgene_212477

Insert Name: SARS-CoV-2 Spike Q493R, G496S, Q498R, N501Y, Y505H

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 Q493R (CGA) G496S (TCA) Q498R (CGA) N501Y (TAT) Y505H (CAT)

Relevant Mutation: Q493R, G496S, Q498R, N501Y, Y505H

Record Creation Time: 20240915T080616+0000

Record Last Update: 20260815T083035+0000

Ratings and Alerts

No rating or validation information has been found for pTwist-SARS-CoV-2 Spike-deltaC18 Q493R (CGA) G496S (TCA) Q498R (CGA) N501Y (TAT) Y505H (CAT).

No alerts have been found for pTwist-SARS-CoV-2 Spike-deltaC18 Q493R (CGA) G496S (TCA) Q498R (CGA) N501Y (TAT) Y505H (CAT).

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.