

# Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

## pTwist-SARS-CoV-2 Spike-deltaC18 L452Q (CAA) F490S (TCT)

RRID:Addgene\_212449

Type: Plasmid

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### Proper Citation

RRID:Addgene\_212449

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### Plasmid Information

**URL:** <http://www.addgene.org/212449>

**Proper Citation:** RRID:Addgene\_212449

**Insert Name:** SARS-CoV-2 Spike L452Q, F490S

**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 L452Q (CAA) F490S (TCT)

**Relevant Mutation:** L452Q, F490S

**Record Creation Time:** 20240915T080616+0000

**Record Last Update:** 20260815T083035+0000

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### Ratings and Alerts

No rating or validation information has been found for pTwist-SARS-CoV-2 Spike-deltaC18 L452Q (CAA) F490S (TCT).

No alerts have been found for pTwist-SARS-CoV-2 Spike-deltaC18 L452Q (CAA) F490S (TCT).

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.