

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pTwist-SARS-CoV-2 Spike-deltaC18 K417N (AAT) L452R (CGT) T478K (AAA) E484K (AAA)

RRID:Addgene_212439

Type: Plasmid

Proper Citation

RRID:Addgene_212439

Plasmid Information

URL: <http://www.addgene.org/212439>

Proper Citation: RRID:Addgene_212439

Insert Name: SARS-CoV-2 Spike K417N, L452R, T478K, E484K

Organism: Severe acute respiratory syndrome coronavirus 2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38496628](https://pubmed.ncbi.nlm.nih.gov/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 K417N (AAT) L452R (CGT) T478K (AAA) E484K (AAA)

Relevant Mutation: K417N, L452R, T478K, E484K

Record Creation Time: 20240915T080616+0000

Record Last Update: 20260725T080131+0000

Ratings and Alerts

No rating or validation information has been found for pTwist-SARS-CoV-2 Spike-deltaC18 K417N (AAT) L452R (CGT) T478K (AAA) E484K (AAA).

No alerts have been found for pTwist-SARS-CoV-2 Spike-deltaC18 K417N (AAT) L452R (CGT) T478K (AAA) E484K (AAA).

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.