

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 15, 2026

pTwist-SARS-CoV-2 ?18 D614G

RRID:Addgene_164437

Type: Plasmid

Proper Citation

RRID:Addgene_164437

Plasmid Information

URL: <http://www.addgene.org/164437>

Proper Citation: RRID:Addgene_164437

Insert Name: SARS-CoV-2 Spike D614G variant truncated to remove 18 amino acids

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33412089](https://pubmed.ncbi.nlm.nih.gov/33412089/)

Vector Backbone Description: Backbone Marker:Twist; Vector Backbone:pTwist; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pTwist-SARS-CoV-2 ?18 D614G

Record Creation Time: 20220422T221929+0000

Record Last Update: 20260815T080920+0000

Ratings and Alerts

No rating or validation information has been found for pTwist-SARS-CoV-2 ?18 D614G.

No alerts have been found for pTwist-SARS-CoV-2 ?18 D614G.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Shen J, et al. (2024) APOBEC3-related mutations in the spike protein-encoding region facilitate SARS-CoV-2 evolution. *Heliyon*, 10(11), e32139.

Martins M, et al. (2024) The SARS-CoV-2 Spike is a virulence determinant and plays a major role on the attenuated phenotype of Omicron virus in a feline model of infection. *Journal of virology*, 98(3), e0190223.

Garcia-Beltran WF, et al. (2021) Multiple SARS-CoV-2 variants escape neutralization by vaccine-induced humoral immunity. *Cell*, 184(9), 2372.