

Resource Summary Report

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

pCAGGS SARS-CoV-2 BQ.1.1 Spike

RRID:Addgene_193710

Type: Plasmid

Proper Citation

RRID:Addgene_193710

Plasmid Information

URL: <http://www.addgene.org/193710>

Proper Citation: RRID:Addgene_193710

Insert Name: SARS-CoV-2 BQ.1.1 Spike

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36656710](#)

Vector Backbone Description: Backbone Size:4716; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAGGS SARS-CoV-2 BQ.1.1 Spike

Relevant Mutation: Contains the following mutations: T19I, LPPA24S, ??69-70, G142D, V213G, G339D, R346T, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, K444T, L452R, N460K, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H, D614G, H655Y, N679K, P681H, N764K, D796Y, Q954H, N969K

Record Creation Time: 20221123T080300+0000

Record Last Update: 20260815T082421+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGS SARS-CoV-2 BQ.1.1 Spike.

No alerts have been found for pCAGGS SARS-CoV-2 BQ.1.1 Spike.

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 [RRID](#) .

Ho CL, et al. (2024) Long-term analysis of humoral responses and spike-specific T cell memory to Omicron variants after different COVID-19 vaccine regimens. Frontiers in immunology, 15, 1340645.