

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pcDNA3.3_SARS2_XBB

RRID:Addgene_194494

Type: Plasmid

Proper Citation

RRID:Addgene_194494

Plasmid Information

URL: <http://www.addgene.org/194494>

Proper Citation: RRID:Addgene_194494

Insert Name: Spike (XBB)

Organism: SARS-CoV-2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36889306](#)

Vector Backbone Description: Backbone Size:5500; Vector Backbone:pcDNA3.3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Preprint: <https://www.biorxiv.org/content/10.1101/2022.03.04.479488v1>

Plasmid Name: pcDNA3.3_SARS2_XBB

Relevant Mutation: V83A, Y144-,H146Q, Q183E, V213E, G339H, L368I, R346T, V445P, G446S, N460K, F486S, F490S, R493Q and c-terminal 18aa del on the basis of BA.2

Record Creation Time: 20230113T080315+0000

Record Last Update: 20260815T082452+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.3_SARS2_XBB.

No alerts have been found for pcDNA3.3_SARS2_XBB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Bourgeois NM, et al. (2026) High-Resolution Quantification of Two-Way Nanobody Synergy Using Automated Liquid Handling and Computational Modeling. Bio-protocol, 16(5), e5615.

Vařová V, et al. (2025) Long-Term Dynamics of SARS-CoV-2 Variant-Specific Neutralizing Antibodies Following mRNA Vaccination and Infection. Viruses, 17(5).