

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

SG3?ENV CA Q63A,Q67A

RRID:Addgene_145784

Type: Plasmid

Proper Citation

RRID:Addgene_145784

Plasmid Information

URL: <http://www.addgene.org/145784>

Proper Citation: RRID:Addgene_145784

Insert Name: Capsid

Organism: HIV-1

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33033190](#)

Vector Backbone Description: Backbone Marker:Bio-Rad; Backbone Size:2863; Vector Backbone:pTZ19U; Vector Types:Mammalian Expression, Lentiviral, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: SG3?ENV CA Q63A,Q67A

Relevant Mutation: Changed Capsid residues Glutamines 63 and 67 to alanines (CA Q63A,Q67A)

Record Creation Time: 20220422T221821+0000

Record Last Update: 20260829T075654+0000

Ratings and Alerts

No rating or validation information has been found for SG3?ENV CA Q63A,Q67A.

No alerts have been found for SG3?ENV CA Q63A,Q67A.

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](#) .

Scott TM, et al. (2025) Cell-free assays reveal that the HIV-1 capsid protects reverse transcripts from cGAS immune sensing. PLoS pathogens, 21(1), e1012206.