

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

CaMK2rep-S603A

RRID:Addgene_239623

Type: Plasmid

Proper Citation

RRID:Addgene_239623

Plasmid Information

URL: <http://www.addgene.org/239623>

Proper Citation: RRID:Addgene_239623

Insert Name: SpotNES-sGFP2-SynP3-3xmyc

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40947561](#)

Vector Backbone Description: Backbone Size:5481; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://doi.org/10.1101/2025.05.07.652623> for bioRxiv preprint. Depositor confirms P89S in sGFP2, changes are not expected to impact function.

Plasmid Name: CaMK2rep-S603A

Relevant Mutation: changed Serine 603 to Alanine

Record Creation Time: 20250709T054434+0000

Record Last Update: 20260815T083317+0000

Ratings and Alerts

No rating or validation information has been found for CaMK2rep-S603A.

No alerts have been found for CaMK2rep-S603A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.