

Resource Summary Report

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

[nCaMK2rep](#)

RRID:Addgene_239624

Type: Plasmid

Proper Citation

RRID:Addgene_239624

Plasmid Information

URL: <http://www.addgene.org/239624>

Proper Citation: RRID:Addgene_239624

Insert Name: PSD95.FingR-NES-SynP3-3xmyc

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40947561](#)

Vector Backbone Description: Backbone Size:6324; Vector Backbone:pLL3.7; Vector Types:Mammalian Expression, Lentiviral, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Please visit <https://doi.org/10.1101/2025.05.07.652623> for bioRxiv preprint.

Plasmid Name: nCaMK2rep

Record Creation Time: 20250709T054434+0000

Record Last Update: 20260815T083317+0000

Ratings and Alerts

No rating or validation information has been found for nCaMK2rep.

No alerts have been found for nCaMK2rep.

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](#) .

Martínez-Blanco E, et al. (2025) CaMK2rep: A Highly Sensitive Genetically Encoded Biosensor for Monitoring CaMKII Activity in Mammalian Cells. *Analytical chemistry*, 97(37), 20275.