Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

pN1-GCaMP6m-XC

RRID:Addgene_111543
Type: Plasmid

Proper Citation

RRID:Addgene_111543

Plasmid Information

URL: http://www.addgene.org/111543

Proper Citation: RRID:Addgene_111543

Insert Name: GCaMP6m-XC

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: PMID:29666364

Vector Backbone Description: Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pN1-GCaMP6m-XC

Record Creation Time: 20220422T221543+0000

Record Last Update: 20260808T080440+0000

Ratings and Alerts

No rating or validation information has been found for pN1-GCaMP6m-XC.

No alerts have been found for pN1-GCaMP6m-XC.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Hirsch F, et al. (2026) Impairment of neuronal activity occurs at the early stages of the aggregation cascade of A?1-42 and mutant Tau. Disease models & mechanisms, 19(3).

Hirsch F, et al. (2025) Impairment of neuronal activity occurs at the early stages of the aggregation cascade of A?1-42 and mutant Tau. bioRxiv : the preprint server for biology.

Chen X, et al. (2024) Antisense oligonucleotide therapeutic approach for Timothy syndrome. Nature, 628(8009), 818.

Ratajczyk S, et al. (2022) A Ca2+-Mediated Switch of Epiplakin from a Diffuse to Keratin-Bound State Affects Keratin Dynamics. Cells, 11(19).

Kubitschke M, et al. (2022) Next generation genetically encoded fluorescent sensors for serotonin. Nature communications, 13(1), 7525.

Geng J, et al. (2022) Chronic Ca2+ imaging of cortical neurons with long-term expression of GCaMP-X. eLife, 11.

Liu L, et al. (2022) Template-independent genome editing in the Pcdh15av-3j mouse, a model of human DFNB23 nonsyndromic deafness. Cell reports, 40(2), 111061.

Grosser JA, et al. (2021) Characteristics of intracellular propagation of mitochondrial BAX recruitment during apoptosis. Apoptosis : an international journal on programmed cell death, 26(1-2), 132.

Liu ZZ, et al. (2021) Identification of pimavanserin tartrate as a potent Ca2+-calcineurin-NFAT pathway inhibitor for glioblastoma therapy. Acta pharmacologica Sinica, 42(11), 1860.