

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

pGP-CMV-jGCaMP7b

RRID:Addgene_104484

Type: Plasmid

Proper Citation

RRID:Addgene_104484

Plasmid Information

URL: <http://www.addgene.org/104484>

Proper Citation: RRID:Addgene_104484

Insert Name: jGCaMP7b

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:31209382](#)

Vector Backbone Description: Vector Backbone:pCMV; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/434589v1> for bioRxiv preprint.

Plasmid Name: pGP-CMV-jGCaMP7b

Record Creation Time: 20220422T221507+0000

Record Last Update: 20260902T041022+0000

Ratings and Alerts

No rating or validation information has been found for pGP-CMV-jGCaMP7b.

No alerts have been found for pGP-CMV-jGCaMP7b.

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 [PRECISE-TBI](#) .

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

Burkewitz K, et al. (2020) Atf-6 Regulates Lifespan through ER-Mitochondrial Calcium Homeostasis. Cell reports, 32(10), 108125.