

Resource Summary Report

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

pGP-AAV-CAG-FLEX-jGCaMP7b-WPRE

RRID:Addgene_104497

Type: Plasmid

Proper Citation

RRID:Addgene_104497

Plasmid Information

URL: <http://www.addgene.org/104497>

Proper Citation: RRID:Addgene_104497

Insert Name: jGCaMP7b

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31209382](#)

Vector Backbone Description: Backbone Marker:Scott Sternson; Backbone Size:5027; Vector Backbone:AAV-CAG-FLEX; Vector Types:Mammalian Expression, AAV, Cre/Lox; Bacterial Resistance:Ampicillin

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

Plasmid Name: pGP-AAV-CAG-FLEX-jGCaMP7b-WPRE

Record Creation Time: 20220422T221507+0000

Record Last Update: 20260815T080043+0000

Ratings and Alerts

No rating or validation information has been found for pGP-AAV-CAG-FLEX-jGCaMP7b-WPRE.

No alerts have been found for pGP-AAV-CAG-FLEX-jGCaMP7b-WPRE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

O'Hare JK, et al. (2022) Compartment-specific tuning of dendritic feature selectivity by intracellular Ca²⁺ release. Science (New York, N.Y.), 375(6586), eabm1670.

Seiler JL, et al. (2022) Dopamine signaling in the dorsomedial striatum promotes compulsive behavior. Current biology : CB, 32(5), 1175.

Gobbo F, et al. (2020) Neuronal Activity at Synapse Resolution: Reporters and Effectors for Synaptic Neuroscience. Frontiers in molecular neuroscience, 13, 572312.