

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pGP-AAV-syn-FLEX-jGCaMP7c variant 1513-WPRE

RRID:Addgene_105322

Type: Plasmid

Proper Citation

RRID:Addgene_105322

Plasmid Information

URL: <http://www.addgene.org/105322>

Proper Citation: RRID:Addgene_105322

Insert Name: jGCaMP7c variant 1513

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31209382](#)

Vector Backbone Description: Backbone Marker:Scott Sternson; Backbone Size:4894; Vector Backbone:AAV-Syn-FLEX; Vector Types:Mammalian Expression, AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Plasmid Name: pGP-AAV-syn-FLEX-jGCaMP7c variant 1513-WPRE

Record Creation Time: 20220422T221511+0000

Record Last Update: 20260815T080050+0000

Ratings and Alerts

No rating or validation information has been found for pGP-AAV-syn-FLEX-jGCaMP7c variant 1513-WPRE.

No alerts have been found for pGP-AAV-syn-FLEX-jGCaMP7c variant 1513-WPRE.

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 [RRID](#) .

Higginbotham JA, et al. (2025) Estradiol protects against pain-facilitated fentanyl use via suppression of opioid-evoked dopamine activity in males. *Neuron*, 113(9), 1413.

Srinivasan S, et al. (2019) Miniaturized microscope with flexible light source input for neuronal imaging and manipulation in freely behaving animals. *Biochemical and biophysical research communications*, 517(3), 520.