

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pAAV GFAP jGCaMP7b

RRID:Addgene_171118

Type: Plasmid

Proper Citation

RRID:Addgene_171118

Plasmid Information

URL: <http://www.addgene.org/171118>

Proper Citation: RRID:Addgene_171118

Insert Name: jGCaMP7b

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34177468](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:6296; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV GFAP jGCaMP7b

Record Creation Time: 20220422T221955+0000

Record Last Update: 20260725T074241+0000

Ratings and Alerts

No rating or validation information has been found for pAAV GFAP jGCaMP7b.

No alerts have been found for pAAV GFAP 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 [NIF](#) .

Patton AP, et al. (2025) Multi-Omic Analysis Reveals Astrocytic Annexin-A2 as Critical for Network-Level Circadian Timekeeping in the Suprachiasmatic Nucleus. *Glia*, 73(7), 1483.

Woelk LM, et al. (2021) Time-Dependent Image Restoration of Low-SNR Live-Cell Ca² Fluorescence Microscopy Data. *International journal of molecular sciences*, 22(21).