

Resource Summary Report

Generated by [dkNET](#) on Aug 13, 2026

pAAV-Syn-SomaGCaMP7

RRID:Addgene_158759

Type: Plasmid

Proper Citation

RRID:Addgene_158759

Plasmid Information

URL: <http://www.addgene.org/158759>

Proper Citation: RRID:Addgene_158759

Insert Name: SomaGCaMP7

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32592656](#)

Vector Backbone Description: Backbone Size:4576; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-Syn-SomaGCaMP7

Record Creation Time: 20220422T221900+0000

Record Last Update: 20260808T081040+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Syn-SomaGCaMP7.

No alerts have been found for pAAV-Syn-SomaGCaMP7.

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 [dkNET](#) .

Priebe T, et al. (2025) Neuronal network inactivity potentiates neuropeptide release from mouse cortical neurons. *eNeuro*, 12(3).

Park S, et al. (2025) Molecular mechanisms mediating engram ensemble retrievability state in mice. *Neuron*.

Gr??dem S, et al. (2023) An updated suite of viral vectors for in vivo calcium imaging using intracerebral and retro-orbital injections in male mice. *Nature communications*, 14(1), 608.