

Resource Summary Report

Generated by [RRID](#) on Aug 25, 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: 20260815T080820+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 [RRID](#) .

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.