

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

pAAV-S5E2-GCaMP6f

RRID:Addgene_135632

Type: Plasmid

Proper Citation

RRID:Addgene_135632

Plasmid Information

URL: <http://www.addgene.org/135632>

Proper Citation: RRID:Addgene_135632

Insert Name: GCaMP6f

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32807948](#)

Vector Backbone Description: Vector Backbone:AAV-Dlx-GFP; Vector Types:AAV;
Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/808170v1> for BioRxiv preprint

Plasmid Name: pAAV-S5E2-GCaMP6f

Relevant Mutation: None

Record Creation Time: 20220422T221748+0000

Record Last Update: 20260829T075553+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-S5E2-GCaMP6f.

No alerts have been found for pAAV-S5E2-GCaMP6f.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Bender PTR, et al. (2026) Context-dependent effects of SOM neurons to enhance the responses of corticocollicular neurons to repetitive sounds. *iScience*, 29(5), 115536.

Lind BL, et al. (2025) In vivo two-photon microscopy for studies of neurovascular coupling in rodents: a beginner's guide. *Neurophotonics*, 12(Suppl 2), S22808.

Terstege DJ, et al. (2025) Impaired parvalbumin interneurons in the retrosplenial cortex as the cause of sex-dependent vulnerability in Alzheimer's disease. *Science advances*, 11(18), eadt8976.

Paniccia JE, et al. (2024) Restoration of a paraventricular thalamo-accumbal behavioral suppression circuit prevents reinstatement of heroin seeking. *Neuron*, 112(5), 772.

Furlanis E, et al. (2024) An enhancer-AAV toolbox to target and manipulate distinct interneuron subtypes. *bioRxiv : the preprint server for biology*.