

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

PRS_8-GCaMP8m

RRID:Addgene_210400

Type: Plasmid

Proper Citation

RRID:Addgene_210400

Plasmid Information

URL: <http://www.addgene.org/210400>

Proper Citation: RRID:Addgene_210400

Insert Name: GCaMP8m

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40623068](#)

Vector Backbone Description: Backbone Size:4093; Vector Backbone:pAAV2; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Please visit <https://doi.org/10.1101/2022.01.22.477348> for bioRxiv preprint.

Plasmid Name: PRS_8-GCaMP8m

Record Creation Time: 20240906T081103+0000

Record Last Update: 20260912T094136+0000

Ratings and Alerts

No rating or validation information has been found for PRS_8-GCaMP8m.

No alerts have been found for PRS_8-GCaMP8m.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wissing C, et al. (2025) A comparison of viral strategies and model systems to target norepinephrine neurons in the locus coeruleus reveals high variability in transgene expression patterns. PLoS biology, 23(7), e3003228.