

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 15, 2026

pAAV.CAG.SF-iGluSnFR.A184S

RRID:Addgene_106198

Type: Plasmid

Proper Citation

RRID:Addgene_106198

Plasmid Information

URL: <http://www.addgene.org/106198>

Proper Citation: RRID:Addgene_106198

Insert Name: SF-iGluSnFR.A184S

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30377363](#)

Vector Backbone Description: Backbone Size:5024; Vector Backbone:pAAV.CAG;
Vector Types:AAV; Bacterial Resistance:Ampicillin

Comments: ** A newer version of this sensor is available. Please see iGluSnFR3
plasmids at <https://www.addgene.org/browse/article/28220233/> **

Plasmid Name: pAAV.CAG.SF-iGluSnFR.A184S

Relevant Mutation: Glu: A184S

Record Creation Time: 20220422T221515+0000

Record Last Update: 20260815T080059+0000

Ratings and Alerts

No rating or validation information has been found for pAAV.CAG.SF-iGluSnFR.A184S.

No alerts have been found for pAAV.CAG.SF-iGluSnFR.A184S.

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 [SPARC SAWG](#) .

Thoreson WB, et al. (2023) EAAT5 glutamate transporter rapidly binds glutamate with micromolar affinity in mouse rods. *The Journal of general physiology*, 155(9).

Ye M, et al. (2022) Coordinated Regulation of CB1 Cannabinoid Receptors and Anandamide Metabolism Stabilizes Network Activity during Homeostatic Downscaling. *eNeuro*, 9(6).

Chipman PH, et al. (2022) NMDAR-dependent presynaptic homeostasis in adult hippocampus: Synapse growth and cross-modal inhibitory plasticity. *Neuron*, 110(20), 3302.

Matsumoto A, et al. (2021) Direction selectivity in retinal bipolar cell axon terminals. *Neuron*, 109(18), 2928.

Gobbo F, et al. (2020) Neuronal Activity at Synapse Resolution: Reporters and Effectors for Synaptic Neuroscience. *Frontiers in molecular neuroscience*, 13, 572312.