

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

## pAAV.CAG.SF-iGluSnFR.A184S

RRID:Addgene\_106198

Type: Plasmid

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### Proper Citation

RRID:Addgene\_106198

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### 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**Comments:** \*\* A newer version of this sensor is available.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:** 20260725T073423+0000

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### 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.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.