Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 22, 2025

pAAV.hSynapsin.SF-iGluSnFR.S72A

RRID:Addgene_106176
Type: Plasmid

Proper Citation

RRID:Addgene_106176

Plasmid Information

URL: http://www.addgene.org/106176

Proper Citation: RRID:Addgene_106176

Insert Name: SF-iGluSnFR.S72A

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:30377363

Vector Backbone Description: Backbone Size:4373; Vector Backbone:pAAV.hSynapsin; 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Comments: ** A newer version of this sensor is available.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.hSynapsin.SF-iGluSnFR.S72A

Relevant Mutation: GltI: S72A

Record Creation Time: 20220422T221515+0000

Record Last Update: 20230427T080028+0000

Ratings and Alerts

No rating or validation information has been found for pAAV.hSynapsin.SF-iGluSnFR.S72A.

No alerts have been found for pAAV.hSynapsin.SF-iGluSnFR.S72A.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Martínez San Segundo P, et al. (2023) Multivesicular release favors short term synaptic depression in hippocampal autapses. Frontiers in cellular neuroscience, 17, 1057242.

Vevea JD, et al. (2021) Synaptotagmin 7 is targeted to the axonal plasma membrane through ?-secretase processing to promote synaptic vesicle docking in mouse hippocampal neurons. eLife, 10.