Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 28, 2025

pAAV.CAG.Flex.NES-jRCaMP1a.WPRE.SV40

RRID:Addgene_100846
Type: Plasmid

Proper Citation

RRID:Addgene_100846

Plasmid Information

URL: http://www.addgene.org/100846

Proper Citation: RRID:Addgene_100846

Insert Name: jRCaMP1a

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:27011354

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: This plasmid was previously available as pAAV.CAG.Flex.NES-jRCaMP1a.WPRE.SV40 (p3853) from the Penn Vector Core. This plasmid was created as part of the GENIE project at Janelia Research Campus. Due to the instability of viral plasmids, screening multiple colonies (15-20) may be required in order to obtain the correct plasmid

Plasmid Name: pAAV.CAG.Flex.NES-jRCaMP1a.WPRE.SV40

Record Creation Time: 20220422T221450+0000

Record Last Update: 20220422T221457+0000

Ratings and Alerts

No rating or validation information has been found for pAAV.CAG.Flex.NES-jRCaMP1a.WPRE.SV40.

No alerts have been found for pAAV.CAG.Flex.NES-jRCaMP1a.WPRE.SV40.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Skirzewski M, et al. (2022) Continuous cholinergic-dopaminergic updating in the nucleus accumbens underlies approaches to reward-predicting cues. Nature communications, 13(1), 7924.

Forli A, et al. (2021) Optogenetic strategies for high-efficiency all-optical interrogation using blue-light-sensitive opsins. eLife, 10.

Kwak H, et al. (2020) Astrocytes Control Sensory Acuity via Tonic Inhibition in the Thalamus. Neuron, 108(4), 691.