Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 1, 2024

pAAV-Ef1a-DIO ChETA-EYFP

RRID:Addgene_26968
Type: Plasmid

Proper Citation

RRID:Addgene_26968

Plasmid Information

URL: http://www.addgene.org/26968

Proper Citation: RRID:Addgene_26968

Insert Name: hChR2(E123T/H134R)-EYFP

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:20081849

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5587; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: This plasmid contains the human elongation factor-1a promoter. For additional information please visit - http://www.optogenetics.org

Plasmid Name: pAAV-Ef1a-DIO ChETA-EYFP

Relevant Mutation: E123T, H134R

Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-DIO ChETA-EYFP.

No alerts have been found for pAAV-Ef1a-DIO ChETA-EYFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Narai E, et al. (2024) Orexinergic neurons contribute to autonomic cardiovascular regulation for locomotor exercise. The Journal of physiology.

Zhang X, et al. (2023) Cholecystokinin B receptor antagonists for the treatment of depression via blocking long-term potentiation in the basolateral amygdala. Molecular psychiatry, 28(8), 3459.

Choe KY, et al. (2022) Oxytocin normalizes altered circuit connectivity for social rescue of the Cntnap2 knockout mouse. Neuron, 110(5), 795.

Baleisyte A, et al. (2022) Stimulation of medial amygdala GABA neurons with kinetically different channelrhodopsins yields opposite behavioral outcomes. Cell reports, 39(8), 110850.

Feng H, et al. (2021) The entorhinal cortex modulates trace fear memory formation and neuroplasticity in the mouse lateral amygdala via cholecystokinin. eLife, 10.

Moreno-Lopez Y, et al. (2021) The corticospinal tract primarily modulates sensory inputs in the mouse lumbar cord. eLife, 10.

Li SJ, et al. (2018) A Viral Receptor Complementation Strategy to Overcome CAV-2 Tropism for Efficient Retrograde Targeting of Neurons. Neuron, 98(5), 905.