Resource Summary Report

Generated by NIF on Jul 29, 2026

pAAV-Ef1a-fDIO mCherry

RRID:Addgene_114471
Type: Plasmid

Proper Citation

RRID:Addgene_114471

Plasmid Information

URL: http://www.addgene.org/114471

Proper Citation: RRID:Addgene_114471

Insert Name: mCherry

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:5603; Vector Backbone:AAV; Vector Types:AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-Ef1a-fDIO mCherry

Record Creation Time: 20220422T221600+0000

Record Last Update: 20260725T073539+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-fDIO mCherry.

No alerts have been found for pAAV-Ef1a-fDIO mCherry.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 29 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Goto T, et al. (2025) Dietary availability acutely influences puberty onset via a hypothalamic neural circuit. Neuron, 113(7), 1036.

Kaiser J, et al. (2025) Developmental molecular signatures define de novo cortico-brainstem circuit for skilled forelimb movement. Research square.

Vounatsos MV, et al. (2025) GPe Projections to the Retrorubral Field Give Rise to Diverging GABAergic and DAergic Circuits. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(2).

Gongwer MW, et al. (2025) A cell type-specific mechanism driving the rapid antidepressant effects of transcranial magnetic stimulation. bioRxiv : the preprint server for biology.

B?sz E, et al. (2025) A cortico-subcortical loop for motor control via the pontine reticular formation. Cell reports, 44(2), 115230.

Hamnett R, et al. (2025) Enteric glutamatergic interneurons regulate intestinal motility. Neuron, 113(7), 1019.

François M, et al. (2025) Amygdala AVPR1A mediates susceptibility to chronic social isolation in female mice. Nature communications, 16(1), 9740.

Takatani H, et al. (2025) Modulation of Extrinsic and Intrinsic Signaling Together with Neuronal Activation Enhances Forelimb Motor Recovery after Cervical Spinal Cord Injury. eNeuro, 12(3).

Krolak T, et al. (2025) Brain endothelial gap junction coupling enables rapid vasodilation propagation during neurovascular coupling. Cell, 188(18), 5003.

Sun Q, et al. (2025) Dynorphin modulates reward-seeking actions through a pallido-amygdala cholinergic circuit. Neuron, 113(11), 1823.

Jin T, et al. (2025) Disturbed engram network caused by NPTX downregulation underlies aging-related contextual fear memory deficits. Cell research, 35(9), 656.

Sköld J, et al. (2025) Melanocortin 4 receptor-expressing neurons in the lateral stripe of the striatum regulate affect and motor control. iScience, 28(5), 112456.

Contesse T, et al. (2025) A striosomal accumbens pathway drives stereotyped behavior through an aversive Esr1+ hypothalamic-habenula circuit. Science advances, 11(47), eadx9450.

Li M, et al. (2024) A mesocortical glutamatergic pathway modulates neuropathic pain independent of dopamine co-release. Nature communications, 15(1), 643.

Lu Y, et al. (2024) Dorsolateral septum GLP-1R neurons regulate feeding via lateral hypothalamic projections. Molecular metabolism, 85, 101960.

Contreras E, et al. (2024) Flp-recombinase mouse line for genetic manipulation of ipRGCs. bioRxiv : the preprint server for biology.

Potter CT, et al. (2024) Simultaneous interneuron labeling reveals cell type-specific, population-level interactions in cortex. iScience, 27(9), 110736.

Goode TD, et al. (2024) A dorsal hippocampus-prodynorphinergic dorsolateral septum-to-lateral hypothalamus circuit mediates contextual gating of feeding. bioRxiv : the preprint server for biology.

Nechyporenko K, et al. (2024) Neuronal network dynamics in the posterodorsal amygdala: shaping reproductive hormone pulsatility. Journal of the Royal Society, Interface, 21(217), 20240143.

Arthurs JW, et al. (2023) Activation of Parabrachial Tachykinin 1 Neurons Counteracts Some Behaviors Mediated by Parabrachial Calcitonin Gene-related Peptide Neurons. Neuroscience, 517, 105.