

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 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: 20260808T080509+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 36 mentions in open access literature.

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

McMurray KMJ, et al. (2026) Projections from subfornical organ to infralimbic cortex modulate carbon dioxide associated fear. bioRxiv : the preprint server for biology.

Cover KK, et al. (2026) A Distinct Circuit for Biasing Visual Perceptual Decisions and Modulating Superior Colliculus Activity through the Mouse Posterior Striatum. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(7).

Garcia F, et al. (2026) A Knock-in Ntsr1-Flp Driver Enables Intersectional and Systemic Targeting of Heterogeneous Midbrain Dopamine Circuits. bioRxiv : the preprint server for biology.

Kamijo S, et al. (2026) AAV-Based Bright and Sparse Labeling of Versatile Neurons Adaptable in Cre-Dependent Genetic Backgrounds. eNeuro, 13(3).

Bassi CD, et al. (2026) Selective filtering of relevant sensory signals in parietal cortex. Research square.

Gongwer MW, et al. (2026) A cell type-specific mechanism driving the rapid antidepressant effects of transcranial magnetic stimulation. Cell, 189(10), 3052.

Belal M, et al. (2026) Cholinergic interneuron control of GABAergic circuits targeting spiny projection neurons is disrupted in parkinsonian models. bioRxiv : the preprint server for biology.

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

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

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

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.

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).

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

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

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.

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.

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

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