Resource Summary Report

Generated by RRID on Aug 28, 2026

pAAV-Ef1a-fDIO EYFP

RRID:Addgene_55641
Type: Plasmid

Proper Citation

RRID:Addgene_55641

Plasmid Information

URL: http://www.addgene.org/55641

Proper Citation: RRID:Addgene_55641

Insert Name: EYFP

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24908100

Vector Backbone Description: Backbone Size:5600; Vector Backbone:AAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-Ef1a-fDIO EYFP

Record Creation Time: 20220422T222325+0000

Record Last Update: 20260815T081652+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Thanawalla AR, et al. (2025) Cerebellar outputs for rapid directional refinement of forelimb movement. bioRxiv : the preprint server for biology.

Toscano E, et al. (2025) A spinal circuit for skilled locomotion. Current biology : CB, 35(20), 5048.

Biró L, et al. (2025) Convergence and Segregation of Excitatory and Inhibitory Afferents in the Paraventricular Thalamic Nucleus. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(43).

Báldi R, et al. (2025) Synaptic organization and associative learning-related activity of basolateral amygdala interneurons. Cell reports, 44(10), 116295.

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

Dwivedi D, et al. (2024) Metabotropic signaling within somatostatin interneurons controls transient thalamocortical inputs during development. Nature communications, 15(1), 5421.

Cai J, et al. (2024) An excitatory projection from the basal forebrain to the ventral tegmental area that underlies anorexia-like phenotypes. Neuron, 112(3), 458.

Koga K, et al. (2024) Anterior cingulate cross-hemispheric inhibition via the claustrum resolves painful sensory conflict. Communications biology, 7(1), 330.

Wang L, et al. (2024) State-dependent central synaptic regulation by GLP-1 is essential for energy homeostasis. Research square.

Lubejko ST, et al. (2024) Inputs to the locus coeruleus from the periaqueductal gray and rostroventral medulla shape opioid-mediated descending pain modulation. Science advances, 10(17), eadj9581.

Roethler O, et al. (2023) Single genomic enhancers drive experience-dependent GABAergic plasticity to maintain sensory processing in the adult cortex. Neuron, 111(17), 2693.

Yang W, et al. (2023) Structural and functional map for forelimb movement phases between cortex and medulla. Cell, 186(1), 162.

Dong Q, et al. (2023) Mutant ?1-adrenergic receptor improves REM sleep and ameliorates tau accumulation in a mouse model of tauopathy. Proceedings of the National Academy of Sciences of the United States of America, 120(15), e2221686120.

Xu J, et al. (2022) Intersectional mapping of multi-transmitter neurons and other cell types in the brain. Cell reports, 40(1), 111036.

Liu S, et al. (2022) Divergent brainstem opioidergic pathways that coordinate breathing with pain and emotions. Neuron, 110(5), 857.

Kim J, et al. (2022) LRRTM3 regulates activity-dependent synchronization of synapse properties in topographically connected hippocampal neural circuits. Proceedings of the National Academy of Sciences of the United States of America, 119(3).

Sciolino NR, et al. (2022) Natural locus coeruleus dynamics during feeding. Science advances, 8(33), eabn9134.

Kitanishi T, et al. (2022) Intersectional, anterograde transsynaptic targeting of neurons receiving monosynaptic inputs from two upstream regions. Communications biology, 5(1), 149.

Chowdhury A, et al. (2022) A locus coeruleus-dorsal CA1 dopaminergic circuit modulates memory linking. Neuron, 110(20), 3374.

Sabatini PV, et al. (2021) tTARGIT AAVs mediate the sensitive and flexible manipulation of intersectional neuronal populations in mice. eLife, 10.