

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

pAAV-Ef1a-DIO EYFP

RRID:Addgene_27056

Type: Plasmid

Proper Citation

RRID:Addgene_27056

Plasmid Information

URL: <http://www.addgene.org/27056>

Proper Citation: RRID:Addgene_27056

Insert Name: EYFP

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5603; 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 EYFP

Record Creation Time: 20220422T222121+0000

Record Last Update: 20260815T081259+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 203 mentions in open access literature.

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

Kindel M, et al. (2026) Exercise-induced activation of ventromedial hypothalamic steroidogenic factor-1 neurons mediates improvements in endurance. *Neuron*, 114(9), 1564.

Chhabria K, et al. (2026) A hypoxia-sensitive medullary nucleus modulates cerebral blood flow via a disynaptic pathway to cortex. *bioRxiv : the preprint server for biology*.

Gu Z, et al. (2026) The External Globus Pallidus is a Basal Ganglia Output Hub with Action-Specific Circuits. *bioRxiv : the preprint server for biology*.

Zhu X, et al. (2026) Synaptic plasticity of prefrontal long-range inhibition regulates cognitive flexibility. *Neuron*.

de Araujo Salgado I, et al. (2026) High-fat food reinforces risk taking by suppressing defensive neurons. *Current biology : CB*, 36(1), 49.

Flerlage WJ, et al. (2026) Neuroanatomical and behavioral characterization of corticotropin releasing factor-expressing lateral Habenula neurons in mice. *bioRxiv : the preprint server for biology*.

Dao N, et al. (2026) Paratenial thalamus engages in reciprocal and broadcast circuits with the prefrontal cortex. *bioRxiv : the preprint server for biology*.

Le QE, et al. (2026) Corticotropin-Releasing Factor and Somatostatin Neurons in the Central Amygdala Mediate Dynamic Defensive Behaviors during Fear Extinction. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 46(14).

Ciss?? Y, et al. (2026) Nicotinamide mononucleotide stimulates the activity of bursting slow-oscillation neurons in the supramammillary nucleus and enhances REM sleep. *iScience*, 29(5), 115741.

Lewis E, et al. (2026) D3 dopamine receptors implicate a striatal neuronal subtype in the aversive effects of the antipsychotic drug quetiapine. *bioRxiv : the preprint server for biology*.

Morishita Y, et al. (2026) Infralow histaminergic dynamics govern priming states to gate moment-to-moment memory accessibility. *Neuron*.

Nakajima S, et al. (2026) Anxiety induced by systemic inflammation involves microglial engulfing of nucleus accumbens inputs and diminished excitability of dopamine D1 receptor neurons. *Brain, behavior, and immunity*, 131, 106154.

Yamada Y, et al. (2026) Hindbrain neurons that underlie water discrimination and consumption. *Current biology : CB*, 36(7), 1787.

Shen W, et al. (2026) Cell- and state-specific plasticity of striatal glutamatergic synapses is critical to the expression of levodopa-induced dyskinesia. *Neuron*, 114(11), 2006.

Godschall EN, et al. (2026) A brain reward circuit inhibited by next-generation weight-loss drugs in mice. *Nature*, 654(8120), 1055.

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).

Bussaka K, et al. (2026) Barrington's Nucleus: A Pontine Defecation Brain Area Exhibiting Prompt and Delayed Defecation Responses. *Cellular and molecular gastroenterology and hepatology*, 20(1), 101635.

Li C, et al. (2026) Multi-timescale Computation by Astrocytes. *bioRxiv : the preprint server for biology*.

Han Y, et al. (2026) Dorsal CA1 projections to nucleus accumbens and lateral septum differentially regulate social and locomotor behavior. *Cerebral cortex (New York, N.Y. : 1991)*, 36(5).

Hoang IB, et al. (2026) Methamphetamine potentiates the use of outcome-specific associations via a hypothalamic-dopamine circuit. *Neuron*.