

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

pAAV-hSyn Con/Fon EYFP

RRID:Addgene_55650

Type: Plasmid

Proper Citation

RRID:Addgene_55650

Plasmid Information

URL: <http://www.addgene.org/55650>

Proper Citation: RRID:Addgene_55650

Insert Name: eYFP with introns

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24908100](#)

Vector Backbone Description: Backbone Size:4536; Vector Backbone:AAV; Vector Types:Mammalian Expression, AAV, Cre on/Flp on eYFP; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-hSyn Con/Fon EYFP

Record Creation Time: 20220422T222325+0000

Record Last Update: 20260905T075819+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hSyn Con/Fon EYFP.

No alerts have been found for pAAV-hSyn Con/Fon EYFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Daly KM, et al. (2026) M4-ipRGCs regulate contrast sensitivity in vision. *Cell reports*, 45(7), 117662.

Barbano MF, et al. (2025) VTA monosynaptic connections by local glutamate and GABA neurons and their distinct roles in behavior. *Nature communications*, 16(1), 8500.

KimmeY BA, et al. (2025) Convergent state-control of endogenous opioid analgesia. *bioRxiv : the preprint server for biology*.

Tuñon-Ortiz A, et al. (2025) Inhibitory Neurons Marked by the Connectivity Molecule Kirrel3 Regulate Memory Precision. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(38).

Prévost ED, et al. (2025) Untangling dopamine and glutamate in the ventral tegmental area. *bioRxiv : the preprint server for biology*.

Liu D, et al. (2025) A hypothalamic circuit underlying the dynamic control of social homeostasis. *Nature*, 640(8060), 1000.

Kim IT, et al. (2025) Collateralization patterns of principal basolateral amygdala neurons delineate distinct output streams. *iScience*, 28(8), 113089.

Soriano JE, et al. (2025) A neuronal architecture underlying autonomic dysreflexia. *Nature*, 646(8087), 1167.

Dong J, et al. (2025) Molecularly distinct striatonigral neuron subtypes differentially regulate locomotion. *Nature communications*, 16(1), 2710.

Salay LD, et al. (2025) A circuit that integrates drive state and social contact to gate mating. *Nature*, 646(8084), 394.

Chen C, et al. (2025) Leucine-rich repeat kinase 2 impairs the release sites of Parkinson's disease vulnerable dopamine axons. *bioRxiv : the preprint server for biology*.

Roth RH, et al. (2024) Thalamic integration of basal ganglia and cerebellar circuits during motor learning. *bioRxiv : the preprint server for biology*.

Tao C, et al. (2023) The medial preoptic area mediates depressive-like behaviors induced by ovarian hormone withdrawal through distinct GABAergic projections. *Nature neuroscience*, 26(9), 1529.

Martín-Cortecero J, et al. (2023) Monosynaptic trans-collicular pathways link mouse whisker circuits to integrate somatosensory and motor cortical signals. *PLoS biology*, 21(5), e3002126.

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

Li L, et al. (2022) Delineating a serotonin 1B receptor circuit for appetite suppression in mice. *The Journal of experimental medicine*, 219(8).

Takato J, et al. (2022) The whisking oscillator circuit. *Nature*, 609(7927), 560.

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

Xu J, et al. (2022) Protocol to map multi-transmitter neurons in the mouse brain using intersectional strategy. *STAR protocols*, 3(4), 101907.

Lane AR, et al. (2021) Genetic targeting of adult Renshaw cells using a Calbindin 1 destabilized Cre allele for intersection with Parvalbumin or Engrailed1. *Scientific reports*, 11(1), 19861.