

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

pAAV-EF1a-double floxed-EYFP-WPRE-HGHpA

RRID:Addgene_20296

Type: Plasmid

Proper Citation

RRID:Addgene_20296

Plasmid Information

URL: <http://www.addgene.org/20296>

Proper Citation: RRID:Addgene_20296

Insert Name: EYFP

Organism: A. victoria

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:5604; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Please see <http://www.optogenetics.org> for additional information.

Plasmid Name: pAAV-EF1a-double floxed-EYFP-WPRE-HGHpA

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260815T081153+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-EF1a-double floxed-EYFP-WPRE-HGHpA.

No alerts have been found for pAAV-EF1a-double floxed-EYFP-WPRE-HGHpA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Kim S, et al. (2023) Reprogramming of IL-12 secretion in the PDCD1 locus improves the anti-tumor activity of NY-ESO-1 TCR-T cells. *Frontiers in immunology*, 14, 1062365.

Lah S, et al. (2023) Engineering second-generation TCR-T cells by site-specific integration of TRAF-binding motifs into the CD247 locus. *Journal for immunotherapy of cancer*, 11(4).

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

Yu H, et al. (2022) Social touch-like tactile stimulation activates a tachykinin 1-oxytocin pathway to promote social interactions. *Neuron*, 110(6), 1051.

Uchida S, et al. (2021) A Discrete Glycinergic Neuronal Population in the Ventromedial Medulla That Induces Muscle Atonia during REM Sleep and Cataplexy in Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(7), 1582.

Kitanishi T, et al. (2021) Robust information routing by dorsal subiculum neurons. *Science advances*, 7(11).

Umaba R, et al. (2021) Monosynaptic connection from the subiculum to medial mammillary nucleus neurons projecting to the anterior thalamus and Gudden's ventral tegmental nucleus. *Neuroscience research*, 171, 1.

Barbano MF, et al. (2020) VTA Glutamatergic Neurons Mediate Innate Defensive Behaviors. *Neuron*, 107(2), 368.

Kodani S, et al. (2019) Optogenetic Manipulation of Neural Circuits During Monitoring Sleep/wakefulness States in Mice. *Journal of visualized experiments : JoVE*(148).

Koblinger K, et al. (2018) Optogenetic Activation of A11 Region Increases Motor Activity. *Frontiers in neural circuits*, 12, 86.

Rifkin RA, et al. (2018) GIRK currents in VTA dopamine neurons control the sensitivity of mice to cocaine-induced locomotor sensitization. *Proceedings of the National Academy of Sciences of the United States of America*, 115(40), E9479.

Kodani S, et al. (2017) Excitation of GABAergic Neurons in the Bed Nucleus of the Stria Terminalis Triggers Immediate Transition from Non-Rapid Eye Movement Sleep to Wakefulness in Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(30), 7164.

Soya S, et al. (2017) Orexin modulates behavioral fear expression through the locus coeruleus. *Nature communications*, 8(1), 1606.

Kitanishi T, et al. (2017) Organization of the Claustrum-to-Entorhinal Cortical Connection in Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(2), 269.

Füzesi T, et al. (2016) Hypothalamic CRH neurons orchestrate complex behaviours after stress. *Nature communications*, 7, 11937.

Zhang F, et al. (2015) Optogenetics in Freely Moving Mammals: Dopamine and Reward. *Cold Spring Harbor protocols*, 2015(8), 715.

Munoz MB, et al. (2014) Sorting nexin 27 regulation of G protein-gated inwardly rectifying K⁺ channels attenuates in vivo cocaine response. *Neuron*, 82(3), 659.