Resource Summary Report

Generated by RRID on Aug 19, 2026

pAAV-EF1a-FLEX-TVA-mCherry

RRID:Addgene_38044
Type: Plasmid

Proper Citation

RRID:Addgene_38044

Plasmid Information

URL: http://www.addgene.org/38044

Proper Citation: RRID:Addgene_38044

Insert Name: Avian sarcoma and leukemia virus receptor 950

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:22681690

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

Plasmid Name: pAAV-EF1a-FLEX-TVA-mCherry

Record Creation Time: 20220422T222200+0000

Record Last Update: 20260815T081419+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-EF1a-FLEX-TVA-mCherry.

No alerts have been found for pAAV-EF1a-FLEX-TVA-mCherry.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Zhang R, et al. (2026) Nps-Expressing Neurons Receive Extensive Input From Auditory Brainstem Nuclei. The Journal of comparative neurology, 534(4), e70156.

Singh S, et al. (2026) Lumbar spinal Shox2 interneurons receive monosynaptic excitatory input from the lateral paragigantocellular nucleus in mouse. iScience, 29(2), 114567.

Chapman PD, et al. (2025) A brain-wide map of descending inputs onto spinal V1 interneurons. Neuron, 113(4), 524.

Liang J, et al. (2024) A brainstem circuit amplifies aversion. Neuron, 112(21), 3634.

Ma J, et al. (2024) Convergent direct and indirect cortical streams shape avoidance decisions in mice via the midline thalamus. Nature communications, 15(1), 6598.

Kauer SD, et al. (2022) Inositol Polyphosphate-5-Phosphatase K (Inpp5k) Enhances Sprouting of Corticospinal Tract Axons after CNS Trauma. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(11), 2190.

Shen L, et al. (2022) A bottom-up reward pathway mediated by somatostatin neurons in the medial septum complex underlying appetitive learning. Nature communications, 13(1), 1194.

Brock O, et al. (2022) A Role for Thalamic Projection GABAergic Neurons in Circadian Responses to Light. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(49), 9158.

Satou C, et al. (2022) A viral toolbox for conditional and transneuronal gene expression in zebrafish. eLife, 11.

Stujenske JM, et al. (2022) Prelimbic cortex drives discrimination of non-aversion via amygdala somatostatin interneurons. Neuron, 110(14), 2258.

Ma J, et al. (2021) Divergent projections of the paraventricular nucleus of the thalamus mediate the selection of passive and active defensive behaviors. Nature neuroscience, 24(10), 1429.

Kim A, et al. (2021) Neural basis for regulation of vasopressin secretion by anticipated disturbances in osmolality. eLife, 10.

Judd EN, et al. (2021) Diverse inhibitory projections from the cerebellar interposed nucleus. eLife, 10.

Yamada S, et al. (2021) Efferent and Afferent Connections of Neuropeptide Y Neurons in the Nucleus Accumbens of Mice. Frontiers in neuroanatomy, 15, 741868.

Cohen-Kashi Malina K, et al. (2021) NDNF interneurons in layer 1 gain-modulate whole cortical columns according to an animal's behavioral state. Neuron, 109(13), 2150.

Sofia Beas B, et al. (2020) A ventrolateral medulla-midline thalamic circuit for hypoglycemic feeding. Nature communications, 11(1), 6218.

Gao C, et al. (2020) Two genetically, anatomically and functionally distinct cell types segregate across anteroposterior axis of paraventricular thalamus. Nature neuroscience, 23(2), 217.

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

Clark AM, et al. (2017) Dopamine D2 Receptors in the Paraventricular Thalamus Attenuate Cocaine Locomotor Sensitization. eNeuro, 4(5).

Leroy F, et al. (2017) Input-Timing-Dependent Plasticity in the Hippocampal CA2 Region and Its Potential Role in Social Memory. Neuron, 95(5), 1089.