

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 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 [dkNET](#) .

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.

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

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

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.