

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

pAAV-syn-FLEX-splitTVA-EGFP-tTA

RRID:Addgene_100798

Type: Plasmid

Proper Citation

RRID:Addgene_100798

Plasmid Information

URL: <http://www.addgene.org/100798>

Proper Citation: RRID:Addgene_100798

Insert Name: TVA, EGFP, tet transactivator

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28847002](#)

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

Plasmid Name: pAAV-syn-FLEX-splitTVA-EGFP-tTA

Record Creation Time: 20220422T221450+0000

Record Last Update: 20260725T073338+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-syn-FLEX-splitTVA-EGFP-tTA.

No alerts have been found for pAAV-syn-FLEX-splitTVA-EGFP-tTA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Goldstein N, et al. (2025) A parabrachial hub for need-state control of enduring pain. *Nature*, 647(8090), 689.

Lazaridis I, et al. (2024) Striosomes Target Nigral Dopamine-Containing Neurons via Direct-D1 and Indirect-D2 Pathways Paralleling Classic Direct-Indirect Basal Ganglia Systems. *bioRxiv : the preprint server for biology*.

M??lner FE, et al. (2024) Individual thalamic inhibitory interneurons are functionally specialized toward distinct visual features. *Neuron*, 112(16), 2765.

Zhang A, et al. (2024) Rabies virus-based barcoded neuroanatomy resolved by single-cell RNA and in situ sequencing. *eLife*, 12.

Viellard JMA, et al. (2024) A subiculum-hypothalamic pathway functions in dynamic threat detection and memory updating. *Current biology : CB*, 34(12), 2657.

Jin L, et al. (2024) Long-term labeling and imaging of synaptically connected neuronal networks in vivo using double-deletion-mutant rabies viruses. *Nature neuroscience*, 27(2), 373.

Jin L, et al. (2023) Third-generation rabies viral vectors allow nontoxic retrograde targeting of projection neurons with greatly increased efficiency. *Cell reports methods*, 3(11), 100644.

Xiao C, et al. (2023) Glutamatergic and GABAergic neurons in pontine central gray mediate opposing valence-specific behaviors through a global network. *Neuron*, 111(9), 1486.

Leow YN, et al. (2022) Brain-wide mapping of inputs to the mouse lateral posterior (LP/Pulvinar) thalamus-anterior cingulate cortex network. *The Journal of comparative neurology*, 530(11), 1992.

Bharioke A, et al. (2022) General anesthesia globally synchronizes activity selectively in layer 5 cortical pyramidal neurons. *Neuron*, 110(12), 2024.

Zhang Y, et al. (2022) Targeting thalamic circuits rescues motor and mood deficits in PD mice. *Nature*, 607(7918), 321.

Ramos-Prats A, et al. (2022) VIP-expressing interneurons in the anterior insular cortex contribute to sensory processing to regulate adaptive behavior. *Cell reports*, 39(9), 110893.

Gaspari S, et al. (2022) Structural and molecular characterization of paraventricular thalamic glucokinase-expressing neuronal circuits in the mouse. *The Journal of comparative neurology*, 530(11), 1773.

Barbier M, et al. (2021) Projections from the dorsomedial division of the bed nucleus of the stria terminalis to hypothalamic nuclei in the mouse. *The Journal of comparative*

neurology, 529(5), 929.

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

Picard A, et al. (2021) Fgf15 Neurons of the Dorsomedial Hypothalamus Control Glucagon Secretion and Hepatic Gluconeogenesis. *Diabetes*, 70(7), 1443.

Stern SA, et al. (2021) Top-down control of conditioned overconsumption is mediated by insular cortex Nos1 neurons. *Cell metabolism*, 33(7), 1418.

Lavin TK, et al. (2020) Monosynaptic Tracing Success Depends Critically on Helper Virus Concentrations. *Frontiers in synaptic neuroscience*, 12, 6.

Gervais M, et al. (2020) EphrinB1 modulates glutamatergic inputs into POMC-expressing progenitors and controls glucose homeostasis. *PLoS biology*, 18(11), e3000680.

Lavin TK, et al. (2019) Monosynaptic tracing: a step-by-step protocol. *Journal of chemical neuroanatomy*, 102, 101661.