

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[pAAV-hSyn-FLEX-TVA-P2A-EGFP-2A-oG](#)

RRID:Addgene_85225

Type: Plasmid

Proper Citation

RRID:Addgene_85225

Plasmid Information

URL: <http://www.addgene.org/85225>

Proper Citation: RRID:Addgene_85225

Insert Name: Optimized G Protein

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pAAV-syn-FLEX-splitTVA-eGFP-B19G IW; Vector Types:AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-hSyn-FLEX-TVA-P2A-EGFP-2A-oG

Record Creation Time: 20220422T222549+0000

Record Last Update: 20260815T082128+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hSyn-FLEX-TVA-P2A-EGFP-2A-oG.

No alerts have been found for pAAV-hSyn-FLEX-TVA-P2A-EGFP-2A-oG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Bolin KA, et al. (2026) Connectivity of neuropeptide Y-Cre spinal interneurons reveal monosynaptic inputs from pathways involved in pain and itch in mice. *The journal of pain*, 43, 106281.

Li Y, et al. (2026) Corticothalamic communication for action coordination in a skilled motor behavior. *Nature neuroscience*, 29(3), 660.

Hintiryan H, et al. (2025) Distinct subnetworks of the mouse anterior thalamic nuclei. *Nature communications*, 16(1), 6018.

Li M, et al. (2025) A circuit from the basolateral amygdala to hippocampal CA3 regulates social behavior. *Current biology : CB*.

Li T, et al. (2025) A pontine center in descending pain control. *Neuron*, 113(11), 1789.

Tetzlaff SK, et al. (2024) Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. *Cell*.

Han KA, et al. (2024) Specification of neural circuit architecture shaped by context-dependent patterned LAR-RPTP microexons. *Nature communications*, 15(1), 1624.

Kintscher M, et al. (2023) A striatal circuit balances learned fear in the presence and absence of sensory cues. *eLife*, 12.

Weil T, et al. (2022) Daily changes in light influence mood via inhibitory networks within the thalamic perihabenular nucleus. *Science advances*, 8(23), eabn3567.

Liu S, et al. (2022) Divergent brainstem opioidergic pathways that coordinate breathing with pain and emotions. *Neuron*, 110(5), 857.

Islam MT, et al. (2022) Vasopressin neurons in the paraventricular hypothalamus promote wakefulness via lateral hypothalamic orexin neurons. *Current biology : CB*, 32(18), 3871.

Kang SJ, et al. (2022) A central alarm system that gates multi-sensory innate threat cues to the amygdala. *Cell reports*, 40(7), 111222.

Stachniak TJ, et al. (2021) Postmitotic Prox1 Expression Controls the Final Specification of Cortical VIP Interneuron Subtypes. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(39), 8150.

Usseglio G, et al. (2020) Control of Orienting Movements and Locomotion by Projection-Defined Subsets of Brainstem V2a Neurons. *Current biology : CB*, 30(23), 4665.