Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 2, 2025

pAAV-FLEX-tdTomato

RRID:Addgene_28306 Type: Plasmid

Proper Citation

RRID:Addgene_28306

Plasmid Information

URL: http://www.addgene.org/28306

Proper Citation: RRID:Addgene_28306

Insert Name: tdTomato

Organism: engineered from red fluorescent protein from coral

Bacterial Resistance: Ampicillin

Defining Citation: **PMID**:

Vector Backbone Description: Backbone Marker:Scott Sternson; Backbone Size:5048; Vector Backbone:AAV-FLEX; Vector Types:Mammalian Expression, AAV, Cre/Lox, Other, Adeno-associated virus; Bacterial Resistance:Ampicillin

Comments: PLEASE CONTACT ED BOYDEN (esb@media.mit.edu) FOR DETAILS ON THIS REAGENT AND FURTHER REAGENTS IN THIS LINE.

Plasmid Name: pAAV-FLEX-tdTomato

Relevant Mutation: N/A

Record Creation Time: 20220422T222127+0000

Record Last Update: 20220422T223738+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-FLEX-tdTomato.

No alerts have been found for pAAV-FLEX-tdTomato.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 59 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Anjum R, et al. (2024) Rem2 interacts with CaMKII at synapses and restricts long-term potentiation in hippocampus. bioRxiv : the preprint server for biology.

Baumer-Harrison C, et al. (2024) Alleviating Hypertension by Selectively Targeting Angiotensin Receptor-Expressing Vagal Sensory Neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(9).

Buchan MJ, et al. (2024) Higher-order thalamocortical circuits are specified by embryonic cortical progenitor types in the mouse brain. Cell reports, 43(5), 114157.

Singer RA, et al. (2024) Opto-CLIP reveals dynamic FMRP regulation of mRNAs upon CA1 neuronal activation. bioRxiv : the preprint server for biology.

Cole N, et al. (2024) Prediction-error signals in anterior cingulate cortex drive task-switching. Nature communications, 15(1), 7088.

Holt MK, et al. (2024) Modulation of stress-related behaviour by preproglucagon neurons and hypothalamic projections to the nucleus of the solitary tract. Molecular metabolism, 91, 102076.

Jo AY, et al. (2024) VTA ?-opioidergic neurons facilitate low sociability in protracted opioid withdrawal. bioRxiv : the preprint server for biology.

Messanvi F, et al. (2024) Galanin receptor 1 expressing neurons in hippocampal-prefrontal circuitry modulate goal directed attention and impulse control. bioRxiv : the preprint server for biology.

De Solis AJ, et al. (2024) Reciprocal activity of AgRP and POMC neurons governs coordinated control of feeding and metabolism. Nature metabolism, 6(3), 473.

Choi A, et al. (2024) Circuit mechanism underlying fragmented sleep and memory deficits in 16p11.2 deletion mouse model of autism. Research square.

Pérez-Garza J, et al. (2024) Ultraplex microscopy: versatile highly-multiplexed molecular labeling and imaging across scale and resolution. bioRxiv : the preprint server for biology.

Wojick JA, et al. (2024) A nociceptive amygdala-striatal pathway for chronic pain aversion. bioRxiv : the preprint server for biology.

Nielsen BE, et al. (2024) Reduced striatal M4-cholinergic signaling following dopamine loss contributes to parkinsonian and I-DOPA-induced dyskinetic behaviors. Science advances, 10(47), eadp6301.

Virga DM, et al. (2024) Activity-dependent compartmentalization of dendritic mitochondria morphology through local regulation of fusion-fission balance in neurons in vivo. Nature communications, 15(1), 2142.

Avvisati R, et al. (2024) Distributional coding of associative learning in discrete populations of midbrain dopamine neurons. Cell reports, 43(4), 114080.

Potter CT, et al. (2024) Simultaneous interneuron labeling reveals cell type-specific, population-level interactions in cortex. iScience, 27(9), 110736.

McDougle M, et al. (2024) Separate gut-brain circuits for fat and sugar reinforcement combine to promote overeating. Cell metabolism, 36(2), 393.

Liu Y, et al. (2024) Cell class-specific long-range axonal projections of neurons in mouse whisker-related somatosensory cortices. eLife, 13.

Fournier LA, et al. (2024) Overexpression of the schizophrenia risk gene C4 in PV cells drives sex-dependent behavioral deficits and circuit dysfunction. bioRxiv : the preprint server for biology.

Stowell R, et al. (2024) Dopaminergic signaling regulates microglial surveillance and adolescent plasticity in the frontal cortex. bioRxiv : the preprint server for biology.