

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pAAV-Ef1a-fDIO-tdTomato

RRID:Addgene_128434

Type: Plasmid

Proper Citation

RRID:Addgene_128434

Plasmid Information

URL: <http://www.addgene.org/128434>

Proper Citation: RRID:Addgene_128434

Insert Name: tdTomato

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35984878](#)

Vector Backbone Description: Backbone Marker:Addgene # 55641; Backbone Size:6323; Vector Backbone:pAAV-Ef1a-fDIO; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-Ef1a-fDIO-tdTomato

Record Creation Time: 20220422T221714+0000

Record Last Update: 20260815T080447+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-fDIO-tdTomato.

No alerts have been found for pAAV-Ef1a-fDIO-tdTomato.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Ding X, et al. (2025) Neuroendocrine circuit for sleep-dependent growth hormone release. *Cell*, 188(18), 4968.

Kaiser J, et al. (2025) Developmental molecular signatures define de novo cortico-brainstem circuit for skilled forelimb movement. *Research square*.

Tanimoto S, et al. (2025) Learning-dependent 4 Hz synchronization in the posterior striatum, lateral geniculate nucleus, and visual cortex. *iScience*, 28(12), 113958.

Ährlund-Richter S, et al. (2025) Distinct roles of prefrontal subregion feedback to the primary visual cortex across behavioral states. *Neuron*.

Williamson MR, et al. (2025) Learning-associated astrocyte ensembles regulate memory recall. *Nature*, 637(8045), 478.

Ährlund-Richter S, et al. (2024) Prefrontal Cortex subregions provide distinct visual and behavioral feedback modulation to the Primary Visual Cortex. *bioRxiv : the preprint server for biology*.

Mòdol L, et al. (2024) Somatostatin interneurons control the timing of developmental desynchronization in cortical networks. *Neuron*, 112(12), 2015.

Araujo HN, et al. (2020) Regulation of Lin28a-miRNA let-7b-5p pathway in skeletal muscle cells by peroxisome proliferator-activated receptor delta. *American journal of physiology. Cell physiology*, 319(3), C541.