

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

pAAV-EF1a-tdTomato-WPRE-pGHpA

RRID:Addgene_67527

Type: Plasmid

Proper Citation

RRID:Addgene_67527

Plasmid Information

URL: <http://www.addgene.org/67527>

Proper Citation: RRID:Addgene_67527

Insert Name: tandem dimer tomato

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26138975](#)

Vector Backbone Description: Backbone Marker:karl deisseroth; Vector Backbone:pAAV-EF1a-double floxed-hChR2(H134R)-EYFP-WPRE-HGHpA; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-EF1a-tdTomato-WPRE-pGHpA

Record Creation Time: 20220422T222422+0000

Record Last Update: 20260815T081840+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-EF1a-tdTomato-WPRE-pGHpA.

No alerts have been found for pAAV-EF1a-tdTomato-WPRE-pGHpA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zhang Y, et al. (2025) Amyloid β -dependent neuronal silencing through synaptic decoupling. *Proceedings of the National Academy of Sciences of the United States of America*, 122(35), e2515113122.

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

Romeo C, et al. (2020) AAV diffuses across zona pellucida for effortless gene delivery to fertilized eggs. *Biochemical and biophysical research communications*, 526(1), 85.

Fossati M, et al. (2019) Trans-Synaptic Signaling through the Glutamate Receptor Delta-1 Mediates Inhibitory Synapse Formation in Cortical Pyramidal Neurons. *Neuron*, 104(6), 1081.

Rompani SB, et al. (2017) Different Modes of Visual Integration in the Lateral Geniculate Nucleus Revealed by Single-Cell-Initiated Transsynaptic Tracing. *Neuron*, 93(4), 767.