Resource Summary Report

Generated by SPARC SAWG on Aug 24, 2026

pENN.AAV.CAG.tdTomato.WPRE.SV40

RRID:Addgene_105554
Type: Plasmid

Proper Citation

RRID:Addgene_105554

Plasmid Information

URL: http://www.addgene.org/105554

Proper Citation: RRID:Addgene_105554

Insert Name: tdtomato

Organism: Other

Bacterial Resistance: Ampicillin

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

Comments: Penn Vector Core number p3365

Plasmid Name: pENN.AAV.CAG.tdTomato.WPRE.SV40

Record Creation Time: 20220422T221512+0000

Record Last Update: 20260815T080056+0000

Ratings and Alerts

No rating or validation information has been found for pENN.AAV.CAG.tdTomato.WPRE.SV40.

No alerts have been found for pENN.AAV.CAG.tdTomato.WPRE.SV40.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

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

Kov??cs B, et al. (2025) CoreTIA: a modular, statistically robust transduction inhibition assay for AAV neutralization. Frontiers in immunology, 16, 1623848.

Fernholz MHP, et al. (2024) DeepD3, an open framework for automated quantification of dendritic spines. PLoS computational biology, 20(2), e1011774.

Wong VC, et al. (2024) Plasticity-induced actin polymerization in the dendritic shaft regulates intracellular AMPA receptor trafficking. eLife, 13.

Thomas A, et al. (2023) Superior colliculus cell types bidirectionally modulate choice activity in frontal cortex. bioRxiv : the preprint server for biology.

Yeap J, et al. (2022) Reducing voltage-dependent potassium channel Kv3.4 levels ameliorates synapse loss in a mouse model of Alzheimer's disease. Brain and neuroscience advances, 6, 23982128221086464.

Ravindran E, et al. (2022) Monoallelic CRMP1 gene variants cause neurodevelopmental disorder. eLife, 11.

Sedigh-Sarvestani M, et al. (2021) A sinusoidal transformation of the visual field is the basis for periodic maps in area V2. Neuron, 109(24), 4068.

Hintiryan H, et al. (2021) Connectivity characterization of the mouse basolateral amygdalar complex. Nature communications, 12(1), 2859.

Hwang EJ, et al. (2019) Corticostriatal Flow of Action Selection Bias. Neuron, 104(6), 1126.