

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

pAAV-CAG-ArchT-tdTomato

RRID:Addgene_29778

Type: Plasmid

Proper Citation

RRID:Addgene_29778

Plasmid Information

URL: <http://www.addgene.org/29778>

Proper Citation: RRID:Addgene_29778

Insert Name: ArchT-tdTomato

Organism: H. strain TP009

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21811444](#)

Vector Backbone Description: Backbone Marker:Scott Sternson; Backbone Size:6259; Vector Backbone:AAV with CAG promoter; Vector Types:Mammalian Expression, AAV, 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-CAG-ArchT-tdTomato

Relevant Mutation: N/A

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074535+0000

Ratings and Alerts

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

No alerts have been found for pAAV-CAG-ArchT-tdTomato.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Seth PK, et al. (2025) AAV-mediated transduction of songbird retina. *Frontiers in physiology*, 16, 1549585.

Jang J, et al. (2023) Abnormal accumulation of extracellular vesicles in hippocampal dystrophic axons and regulation by the primary cilia in Alzheimer's disease. *Acta neuropathologica communications*, 11(1), 142.

Witts EC, et al. (2023) The locus coeruleus directs sensory-motor reflex amplitude across environmental contexts. *Current biology : CB*, 33(21), 4679.

Balaji V, et al. (2023) Immunohistochemical characterization of bipolar cells in four distantly related avian species. *The Journal of comparative neurology*, 531(4), 561.

Catanese A, et al. (2021) Synaptic disruption and CREB-regulated transcription are restored by K⁺ channel blockers in ALS. *EMBO molecular medicine*, 13(7), e13131.

Kosmidis S, et al. (2021) A fast, aqueous, reversible three-day tissue clearing method for adult and embryonic mouse brain and whole body. *Cell reports methods*, 1(7), 100090.

Zhao CW, et al. (2020) Parallel pathways to decreased subcortical arousal in focal limbic seizures. *Epilepsia*, 61(12), e186.