

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pAAV-CamKII-ArchT-GFP (PV2527)

RRID:Addgene_99039

Type: Plasmid

Proper Citation

RRID:Addgene_99039

Plasmid Information

URL: <http://www.addgene.org/99039>

Proper Citation: RRID:Addgene_99039

Insert Name: ArchT-GFP

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21811444](#)

Vector Backbone Description: Backbone Marker:Scott Sternson; Vector Backbone:AAV with CaMKII promoter; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-CamKII-ArchT-GFP (PV2527)

Record Creation Time: 20220422T222632+0000

Record Last Update: 20260725T075414+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CamKII-ArchT-GFP (PV2527).

No alerts have been found for pAAV-CamKII-ArchT-GFP (PV2527).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

González VV, et al. (2025) A Common Stay-on-Goal Mechanism in the Anterior Cingulate Cortex for Information and Effort Choices. *eNeuro*, 12(3).

Keary KM, et al. (2025) Protocol for preparing mouse hippocampal slices for ex vivo recordings of the temporoammonic pathway. *STAR protocols*, 6(2), 103698.

Barnstedt O, et al. (2024) A hippocampus-accumbens code guides goal-directed appetitive behavior. *Nature communications*, 15(1), 3196.

Bryant KG, et al. (2023) A History of Low-Dose Ethanol Shifts the Role of Ventral Hippocampus during Reward Seeking in Male Mice. *eNeuro*, 10(5).

Alfonsa H, et al. (2023) Intracellular chloride regulation mediates local sleep pressure in the cortex. *Nature neuroscience*, 26(1), 64.

Veres JM, et al. (2023) CaMKII γ Promoter-Controlled Circuit Manipulations Target Both Pyramidal Cells and Inhibitory Interneurons in Cortical Networks. *eNeuro*, 10(4).

Watkins de Jong L, et al. (2023) Optogenetics reveals paradoxical network stabilizations in hippocampal CA1 and CA3. *Current biology : CB*, 33(9), 1689.

Dhawan SS, et al. (2023) Male rodent perirhinal cortex, but not ventral hippocampus, inhibition induces approach bias under object-based approach-avoidance conflict. *eLife*, 12.

Kubo R, et al. (2023) The indirect corticopontine pathway relays perioral sensory signals to the cerebellum via the mesodiencephalic junction. *iScience*, 26(8), 107301.

Keary KM, et al. (2023) Dendritic distribution of autophagosomes underlies pathway-selective induction of LTD. *Cell reports*, 42(8), 112898.

Brodovskaya A, et al. (2022) Distinct Roles of Rodent Thalamus and Corpus Callosum in Seizure Generalization. *Annals of neurology*, 91(5), 682.

Nordman J, et al. (2020) The Dorsal Raphe Regulates the Duration of Attack through the Medial Orbitofrontal Cortex and Medial Amygdala. *eNeuro*, 7(5).