Resource Summary Report

Generated by NIF on Jul 30, 2026

pAAV-CaMKIIa-mCherry

RRID:Addgene_114469
Type: Plasmid

Proper Citation

RRID:Addgene_114469

Plasmid Information

URL: http://www.addgene.org/114469

Proper Citation: RRID:Addgene_114469

Insert Name: mCherry

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:5372; Vector Backbone:AAV; Vector Types:AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-CaMKIIa-mCherry

Record Creation Time: 20220422T221600+0000

Record Last Update: 20260725T073539+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CaMKIIa-mCherry.

No alerts have been found for pAAV-CaMKIIa-mCherry.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Girotti M, et al. (2025) Involvement of a stress-responsive orbito-striatal projection in impulsive action in male rats. The international journal of neuropsychopharmacology, 28(7).

Martínez-Rojas B, et al. (2025) Stimulation of corticospinal neurons by optogenetic cAMP inductions promotes motor recovery after spinal cord injury in female rats via raphespinal tract modulation. Nature communications, 16(1), 5885.

Madeira N, et al. (2025) Thalamic input to the lateral amygdala determines the temporal window of fear-memory association. Communications biology, 8(1), 873.

Guo R, et al. (2025) Arrestin-biased allosteric modulator of neurotensin receptor 1 alleviates acute and chronic pain. Cell, 188(16), 4332.

Li Z, et al. (2025) Computational modeling reveals cognitive processes in simple rodent depression tests. Cell reports methods, 5(12), 101246.

Smith JB, et al. (2025) Neuroanatomical Mapping of Gerbil Corticostriatal and Thalamostriatal Projections Reveals the Parafascicular Nucleus as a Relay for Vestibular Information to the Entire Striatum. eNeuro, 12(3).

Alberquilla S, et al. (2025) Astrocytes Mediate Psychostimulant-Induced Alterations of Spike-Timing Dependent Synaptic Plasticity. Glia, 73(5), 1051.

Fink R, et al. (2025) PinkyCaMP a mScarlet-based calcium sensor with exceptional brightness, photostability, and multiplexing capabilities. bioRxiv : the preprint server for biology.

Adjei MP, et al. (2025) Familiarity Gates Socially Transmitted Aggression via the Medial Amygdala. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(39).

Kang M, et al. (2025) Grin2b-mutant mice exhibit heightened remote fear via suppressed extinction and chronic amygdalar synaptic and neuronal dysfunction. Science advances, 11(38), eadr7691.

Liang D, et al. (2024) Multiple Posterior Insula Projections to the Brainstem Descending Pain Modulatory System. International journal of molecular sciences, 25(17).

Tetzlaff SK, et al. (2024) Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. Cell.

Banks E, et al. (2024) An enhancer-AAV approach selectively targeting dentate granule cells of the mouse hippocampus. Cell reports methods, 4(1), 100684.

Chintalacheruvu N, et al. (2024) A cortical locus for modulation of arousal states. bioRxiv : the preprint server for biology.

Jeong M, et al. (2024) Comparative Anatomy of the Dentate Mossy Cells in Nonhuman Primates: Their Spatial Distributions and Axonal Projections Compared With Mouse Mossy Cells. eNeuro, 11(5).

Chen H, et al. (2024) The functional and anatomical characterization of three spinal output pathways of the anterolateral tract. Cell reports, 43(3), 113829.

Albrechet-Souza L, et al. (2024) Sex-specific negative affect-like behaviour and parabrachial nucleus activation induced by BNST stimulation in adult mice with adolescent alcohol history. Addiction biology, 29(2), e13366.

Ma J, et al. (2024) Convergent direct and indirect cortical streams shape avoidance decisions in mice via the midline thalamus. Nature communications, 15(1), 6598.

Yao J, et al. (2024) Prefrontal projections modulate recurrent circuitry in the insular cortex to support short-term memory. Cell reports, 43(2), 113756.

Bellafard A, et al. (2024) Volatile working memory representations crystallize with practice. Nature, 629(8014), 1109.