

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pAAV-CamKIIa-ChrimsonR-mScarlet-KV2.1

RRID:Addgene_124651

Type: Plasmid

Proper Citation

RRID:Addgene_124651

Plasmid Information

URL: <http://www.addgene.org/124651>

Proper Citation: RRID:Addgene_124651

Insert Name: ChrimsonR

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30842660](#)

Vector Backbone Description: Backbone Marker:Genscript; Backbone Size:4000; Vector Backbone:pcDNA; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-CamKIIa-ChrimsonR-mScarlet-KV2.1

Record Creation Time: 20220422T221653+0000

Record Last Update: 20260902T041556+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CamKIIa-ChrimsonR-mScarlet-KV2.1.

No alerts have been found for pAAV-CamKIIa-ChrimsonR-mScarlet-KV2.1.

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 [RRID](#) .

Sohn K, et al. (2026) Computational mechanisms for temporal integration in the anterior claustrum. eLife, 15.

Rais C, et al. (2026) Functional synaptic connectivity shapes spine stability in the hippocampus. Nature communications, 17(1).

Kaur J, et al. (2025) Pedunculo-pontine-stimulation obstructs hippocampal theta rhythm and halts movement. Scientific reports, 15(1), 17903.

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

Driscoll N, et al. (2024) Fiber-based Probes for Electrophysiology, Photometry, Optical and Electrical Stimulation, Drug Delivery, and Fast-Scan Cyclic Voltammetry In Vivo. bioRxiv : the preprint server for biology.

Venkataramani V, et al. (2022) Glioblastoma hijacks neuronal mechanisms for brain invasion. Cell, 185(16), 2899.

Kaur J, et al. (2022) Viral strategies for targeting spinal neuronal subtypes in adult wild-type rodents. Scientific reports, 12(1), 8627.