

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 20, 2025

pAAV-CaMKII-ChrimsonR-tdTomato

RRID:Addgene_99231

Type: Plasmid

Proper Citation

RRID:Addgene_99231

Plasmid Information

URL: <http://www.addgene.org/99231>

Proper Citation: RRID:Addgene_99231

Insert Name: ChrimsonR-tdTomato

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24509633](#)

Vector Backbone Description: Backbone Marker:Scott Sternson (original AAV-CAG); Backbone Size:5088; Vector Backbone:AAV-CaMKII; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: The plasmid is fully sequenced in the coding sequence regions (fluorophore and important flanking regions). Multiple digestions were done to verify the vector structure. The construct and the virus were both tested in vitro. In addition, the published CaMKII promoter contains 10 basepair differences vs. the wild-type, and that persists here.

Plasmid Name: pAAV-CaMKII-ChrimsonR-tdTomato

Relevant Mutation: Chrimson K176R mutant

Record Creation Time: 20220422T222633+0000

Record Last Update: 20220422T225411+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CaMKII-ChrimsonR-tdTomato.

No alerts have been found for pAAV-CaMKII-ChrimsonR-tdTomato.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Atsumi Y, et al. (2023) Anatomical identification of a corticocortical top-down recipient inhibitory circuitry by enhancer-restricted transsynaptic tracing. *Frontiers in neural circuits*, 17, 1245097.