Resource Summary Report

Generated by RRID on Aug 17, 2026

pAAV Syn ChR E90R-D156N-T159C 2A tDimer

RRID:Addgene_52494
Type: Plasmid

Proper Citation

RRID:Addgene_52494

Plasmid Information

URL: http://www.addgene.org/52494

Proper Citation: RRID:Addgene_52494

Insert Name: Channelrhodopsin-2

Organism: Chlamydomonas

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24674867

Vector Backbone Description: Backbone Size:4606; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: For inhibition of neuronal activity, please consider Addgene Plasmid #66709, a light-gated chloride channel with improved anion selectivity (iChloC)

Plasmid Name: pAAV Syn ChR E90R-D156N-T159C 2A tDimer

Relevant Mutation: E90R, D156N, T159C

Record Creation Time: 20220422T222308+0000

Record Last Update: 20260815T081623+0000

Ratings and Alerts

No rating or validation information has been found for pAAV Syn ChR E90R-D156N-T159C 2A tDimer.

No alerts have been found for pAAV Syn ChR E90R-D156N-T159C 2A tDimer.

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 RRID .

Kitanishi T, et al. (2017) Organization of the Claustrum-to-Entorhinal Cortical Connection in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(2), 269.