Resource Summary Report

Generated by RRID on Aug 24, 2026

CaMKII-somBiPOLES-mCerulean

RRID:Addgene_154948
Type: Plasmid

Proper Citation

RRID:Addgene_154948

Plasmid Information

URL: http://www.addgene.org/154948

Proper Citation: RRID:Addgene_154948

Insert Name: somBiPOLES

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:34312384

Vector Backbone Description: Backbone Size:3779; Vector Backbone:pAAV2; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: The insert contains the fluorescence tag mCerulean3 in between the 2 channelrhodopsins (C-terminal of GtACR2) . Please visit https://www.biorxiv.org/content/10.1101/2020.07.15.204347v1 for bioRxiv preprint.

Plasmid Name: CaMKII-somBiPOLES-mCerulean

Record Creation Time: 20220422T221849+0000

Record Last Update: 20260815T080756+0000

Ratings and Alerts

No rating or validation information has been found for CaMKII-somBiPOLES-mCerulean.

No alerts have been found for CaMKII-somBiPOLES-mCerulean.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Bergs ACF, et al. (2023) All-optical closed-loop voltage clamp for precise control of muscles and neurons in live animals. Nature communications, 14(1), 1939.

Quintana D, et al. (2023) Dissociating instructive from permissive roles of brain circuits with reversible neural activity manipulations. bioRxiv : the preprint server for biology.