

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

pLenti-CaMKIIa-hChR2(C128T)-EYFP-WPRE

RRID:Addgene_20295

Type: Plasmid

Proper Citation

RRID:Addgene_20295

Plasmid Information

URL: <http://www.addgene.org/20295>

Proper Citation: RRID:Addgene_20295

Insert Name: channelrhodopsin-2

Organism: C. reinhardtii

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19079251](#)

Vector Backbone Description: Backbone Size:9250; Vector Backbone:pLenti-CaMKIIa; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please see <http://www.optogenetics.org> for additional information.

Plasmid Name: pLenti-CaMKIIa-hChR2(C128T)-EYFP-WPRE

Relevant Mutation: changed Cysteine 128 to Threonine

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260815T081153+0000

Ratings and Alerts

No rating or validation information has been found for pLenti-CaMKIIa-hChR2(C128T)-EYFP-WPRE.

No alerts have been found for pLenti-CaMKIIa-hChR2(C128T)-EYFP-WPRE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.