

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

VV201: ChR2(C128S)-eGFP in fubi

RRID:Addgene_58510

Type: Plasmid

Proper Citation

RRID:Addgene_58510

Plasmid Information

URL: <http://www.addgene.org/58510>

Proper Citation: RRID:Addgene_58510

Insert Name: ChR2(C128S)-eGFP

Organism: C. reinhardtii

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25296307](#)

Vector Backbone Description: Backbone Marker:Addgene plasmid 22051; Backbone Size:9200; Vector Backbone:FUGW (from Addgene plasmid 22051); Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please see Addgene plasmid 20294 (pLenti-CaMKIIa-hChR2(C128S)-EYFP-WPRE) for the original version of this gene (under the CamKII promoter).

Plasmid Name: VV201: ChR2(C128S)-eGFP in fubi

Relevant Mutation: Changed Cysteine 128 to Serine

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260815T081717+0000

Ratings and Alerts

No rating or validation information has been found for VV201: ChR2(C128S)-eGFP in fubi.

No alerts have been found for VV201: ChR2(C128S)-eGFP in fubi.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.