

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

p-mCherry-N1-iChloC_CA

RRID:Addgene_98171

Type: Plasmid

Proper Citation

RRID:Addgene_98171

Plasmid Information

URL: <http://www.addgene.org/98171>

Proper Citation: RRID:Addgene_98171

Insert Name: Synthetic construct iChloC_C128A gene

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29097684](#)

Vector Backbone Description: Backbone Size:4733; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Modifications to backbone: EGFP has been replaced by inserting the complete fusion construct (ChR2-mCherry) using XbaI and BamHI cloning sites.

Plasmid Name: p-mCherry-N1-iChloC_CA

Relevant Mutation: E83Q, E90R, E101S, C128A, T159C, D156N

Record Creation Time: 20220422T222628+0000

Record Last Update: 20260902T050536+0000

Ratings and Alerts

No rating or validation information has been found for p-mCherry-N1-iChloC_CA.

No alerts have been found for p-mCherry-N1-iChloC_CA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.