

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

pCAG-hChR2(H134R)-EYFP

RRID:Addgene_114367

Type: Plasmid

Proper Citation

RRID:Addgene_114367

Plasmid Information

URL: <http://www.addgene.org/114367>

Proper Citation: RRID:Addgene_114367

Insert Name: hChR2(H134R)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30091701](https://pubmed.ncbi.nlm.nih.gov/30091701/)

Vector Backbone Description: Backbone Size:4815; Vector Backbone:pCAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/early/2018/05/25/331165.1> for bioRxiv preprint.

Plasmid Name: pCAG-hChR2(H134R)-EYFP

Relevant Mutation: the Histidine at amino acid position 134 was changed to Arginine in ChR2

Record Creation Time: 20220422T221559+0000

Record Last Update: 20260808T080508+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-hChR2(H134R)-EYFP.

No alerts have been found for pCAG-hChR2(H134R)-EYFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.