

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pOTTC468 - pAAV EF1a DIO hChR2(H134R)-iRFP

RRID:Addgene_47633

Type: Plasmid

Proper Citation

RRID:Addgene_47633

Plasmid Information

URL: <http://www.addgene.org/47633>

Proper Citation: RRID:Addgene_47633

Insert Name: hChR2 (H134R)

Organism: C. reinhardtii

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28380331](#)

Vector Backbone Description: Backbone Marker:Karl Deisseroth; Backbone Size:5637; Vector Backbone:pAAV EF1a DIO; Vector Types:Mammalian Expression, AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Plasmid Name: pOTTC468 - pAAV EF1a DIO hChR2(H134R)-iRFP

Relevant Mutation: H134R

Record Creation Time: 20220422T222245+0000

Record Last Update: 20260815T081543+0000

Ratings and Alerts

No rating or validation information has been found for pOTTC468 - pAAV EF1a DIO hChR2(H134R)-iRFP.

No alerts have been found for pOTTC468 - pAAV EF1a DIO hChR2(H134R)-iRFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Richie CT, et al. (2017) Near-infrared fluorescent protein iRFP713 as a reporter protein for optogenetic vectors, a transgenic Cre-reporter rat, and other neuronal studies. Journal of neuroscience methods, 284, 1.