

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pOTTC351 - pAAV CaMKIIa hChR2(H134R)-iRFP

RRID:Addgene_47905

Type: Plasmid

Proper Citation

RRID:Addgene_47905

Plasmid Information

URL: <http://www.addgene.org/47905>

Proper Citation: RRID:Addgene_47905

Insert Name: hChR2(H134R)

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28380331](#)

Vector Backbone Description: Backbone Marker:Karl Deisseroth; Vector Backbone:pAAV-CaMKIIa-hChR2(H134R)-EYFP; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pOTTC351 - pAAV CaMKIIa hChR2(H134R)-iRFP

Relevant Mutation: H134R

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260815T081545+0000

Ratings and Alerts

No rating or validation information has been found for pOTTC351 - pAAV CaMKIIa hChR2(H134R)-iRFP.

No alerts have been found for pOTTC351 - pAAV CaMKIIa 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.