

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

DRH335: FCK-Optopatch1

RRID:Addgene_51695

Type: Plasmid

Proper Citation

RRID:Addgene_51695

Plasmid Information

URL: <http://www.addgene.org/51695>

Proper Citation: RRID:Addgene_51695

Insert Name: Optopatch1

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24952910](#)

Vector Backbone Description: Backbone Marker:Pavel Osten; Backbone Size:9236; Vector Backbone:FCK(1.3); Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: DRH335: FCK-Optopatch1

Record Creation Time: 20220422T222304+0000

Record Last Update: 20260801T081427+0000

Ratings and Alerts

No rating or validation information has been found for DRH335: FCK-Optopatch1.

No alerts have been found for DRH335: FCK-Optopatch1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Streit J, et al. (2018) Dynamic all-optical drug screening on cardiac voltage-gated ion channels. Scientific reports, 8(1), 1153.

McNamara HM, et al. (2018) Geometry-Dependent Arrhythmias in Electrically Excitable Tissues. Cell systems, 7(4), 359.