

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

pZac2.1 GfaABC1D ChR2(H134R) mCherry SV40

RRID:Addgene_112496

Type: Plasmid

Proper Citation

RRID:Addgene_112496

Plasmid Information

URL: <http://www.addgene.org/112496>

Proper Citation: RRID:Addgene_112496

Insert Name: ChR2(H134R)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31116972](#)

Vector Backbone Description: Backbone Size:5300; Vector Backbone:pZac2.1; Vector Types:AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pZac2.1 GfaABC1D ChR2(H134R) mCherry SV40

Relevant Mutation: H134R

Record Creation Time: 20220422T221548+0000

Record Last Update: 20260815T080202+0000

Ratings and Alerts

No rating or validation information has been found for pZac2.1 GfaABC1D ChR2(H134R) mCherry SV40.

No alerts have been found for pZac2.1 GfaABC1D ChR2(H134R) mCherry SV40.

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 [RRID](#) .

Maltsev A, et al. (2023) Bidirectional regulation by "star forces": Ionotropic astrocyte's optical stimulation suppresses synaptic plasticity, metabotropic one strikes back. Hippocampus, 33(1), 18.

Gerasimov E, et al. (2021) Optogenetic Activation of Astrocytes-Effects on Neuronal Network Function. International journal of molecular sciences, 22(17).