

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pAAV-GFAP-hChR2(H134R)-mCherry

RRID:Addgene_27055

Type: Plasmid

Proper Citation

RRID:Addgene_27055

Plasmid Information

URL: <http://www.addgene.org/27055>

Proper Citation: RRID:Addgene_27055

Insert Name: hChR2(H134R)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:6290; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: This plasmid contains the human GFAP promoter. For additional information please visit - <http://www.optogenetics.org>

Plasmid Name: pAAV-GFAP-hChR2(H134R)-mCherry

Relevant Mutation: H134R

Record Creation Time: 20220422T222121+0000

Record Last Update: 20260815T081259+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-GFAP-hChR2(H134R)-mCherry.

No alerts have been found for pAAV-GFAP-hChR2(H134R)-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Luo EW, et al. (2021) Neural differentiation of glioblastoma cell lines via a herpes simplex virus thymidine kinase/ganciclovir system driven by a glial fibrillary acidic protein promoter. PloS one, 16(8), e0253008.

De la Rossa A, et al. (2015) In vivo rapid gene delivery into postmitotic neocortical neurons using iontoporation. Nature protocols, 10(1), 25.

Tao Y, et al. (2015) Astroglial γ -Arrestin1-mediated Nuclear Signaling Regulates the Expansion of Neural Precursor Cells in Adult Hippocampus. Scientific reports, 5, 15506.