

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 11, 2026

pAAV-EF1a-SwitchON_mRubyNLS-hChR2(H134R)-EYFP-NO_WPRE

RRID:Addgene_118279

Type: Plasmid

Proper Citation

RRID:Addgene_118279

Plasmid Information

URL: <http://www.addgene.org/118279>

Proper Citation: RRID:Addgene_118279

Insert Name: mRuby2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30333731](#)

Vector Backbone Description: Backbone Size:4741; Vector Backbone:pAAV; Vector Types:AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Becaus of the missing WPRE, a high titer virus production (? 1×10^{13} vg/mL) is required for efficient gene expression,

Plasmid Name: pAAV-EF1a-SwitchON_mRubyNLS-hChR2(H134R)-EYFP-NO_WPRE

Record Creation Time: 20220422T221619+0000

Record Last Update: 20260808T080544+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-EF1a-SwitchON_mRubyNLS-hChR2(H134R)-EYFP-NO_WPRE.

No alerts have been found for pAAV-EF1a-SwitchON_mRubyNLS-hChR2(H134R)-EYFP-NO_WPRE.

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 [SPARC SAWG](#) .

Beerens S, et al. (2021) Probing subicular inputs to the medial prefrontal cortex. iScience, 24(8), 102856.