

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

[pAAV-nEF-Coff/Fon-ChR2-mCherry](#)

RRID:Addgene_137144

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/137144>

Proper Citation: RRID:Addgene_137144

Insert Name: Coff/Fon-ChR2-mCherry

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32574559](#)

Vector Backbone Description: Backbone Size:4600; Vector Backbone:AAV2-nEF-WPRE; Vector Types:AAV, Cre/Lox, Synthetic Biology, Flp/FRT; Bacterial Resistance:Ampicillin

Comments: Additional sequencing primers: Intron 2F GGGACGACATGACTTAACCAG; Intron 2R CCAGCCCTTCTCATGTTCAG; Intron 1F CCTGTATGTGACCCATGTGC; Intron 1R: GCACATGGGTACACATACAGG

Plasmid Name: pAAV-nEF-Coff/Fon-ChR2-mCherry

Relevant Mutation: H134R

Record Creation Time: 20220422T221756+0000

Record Last Update: 20260829T075611+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-nEF-Coff/Fon-ChR2-mCherry.

No alerts have been found for pAAV-nEF-Coff/Fon-ChR2-mCherry.

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](#) .

Hardy M, et al. (2024) Targeting corticotropin-releasing hormone receptor type 1 (Crhr1) neurons: validating the specificity of a novel transgenic Crhr1-FlpO mouse. Brain structure & function, 230(1), 12.