

Resource Summary Report

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

pAAV-nEF-Con/Foff 2.0-ChR2-EYFP

RRID:Addgene_137163

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/137163>

Proper Citation: RRID:Addgene_137163

Insert Name: Con/Foff 2.0-ChR2-EYFP

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: GCACATGGGTACATACAGG

Plasmid Name: pAAV-nEF-Con/Foff 2.0-ChR2-EYFP

Relevant Mutation: H134R

Record Creation Time: 20220422T221756+0000

Record Last Update: 20260829T075609+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-nEF-Con/Foff 2.0-ChR2-EYFP.

No alerts have been found for pAAV-nEF-Con/Foff 2.0-ChR2-EYFP.

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](#) .

Golbabaie A, et al. (2026) PV-dependent reorganization of prelimbic cortex sub-engrams during systems consolidation. Neuron, 114(1), 142.