

Resource Summary Report

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

pAAV-nEF-Coff/Fon-ChRmine-oScarlet

RRID:Addgene_137160

Type: Plasmid

Proper Citation

RRID:Addgene_137160

Plasmid Information

URL: <http://www.addgene.org/137160>

Proper Citation: RRID:Addgene_137160

Insert Name: Coff/Fon-ChRmine-p2a-oScarlet

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-ChRmine-oScarlet

Relevant Mutation: oScarlet E95D

Record Creation Time: 20220422T221756+0000

Record Last Update: 20260829T075609+0000

Ratings and Alerts

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

No alerts have been found for pAAV-nEF-Coff/Fon-ChRmine-oScarlet.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Báldi R, et al. (2025) Synaptic organization and associative learning-related activity of basolateral amygdala interneurons. Cell reports, 44(10), 116295.

Prévost ED, et al. (2025) Untangling dopamine and glutamate in the ventral tegmental area. bioRxiv : the preprint server for biology.

Silveira MA, et al. (2024) Lineage-tracing reveals an expanded population of NPY neurons in the inferior colliculus. bioRxiv : the preprint server for biology.

Signoret-Genest J, et al. (2023) Integrated cardio-behavioral responses to threat define defensive states. Nature neuroscience, 26(3), 447.