

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

pAAV-Ef1a-Con/Foff 2.0-GCaMP6F

RRID:Addgene_137123

Type: Plasmid

Proper Citation

RRID:Addgene_137123

Plasmid Information

URL: <http://www.addgene.org/137123>

Proper Citation: RRID:Addgene_137123

Insert Name: Con/Foff 2.0-GCaMP6F

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32574559](#)

Vector Backbone Description: Backbone Size:5300; Vector Backbone:AAV2-EF1a-WPRE; Vector Types:AAV, Cre/Lox, Synthetic Biology, Flp/FRT; Bacterial Resistance:Ampicillin

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

Plasmid Name: pAAV-Ef1a-Con/Foff 2.0-GCaMP6F

Relevant Mutation: Removed RSET tag

Record Creation Time: 20220422T221756+0000

Record Last Update: 20260829T075608+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-Con/Foff 2.0-GCaMP6F.

No alerts have been found for pAAV-Ef1a-Con/Foff 2.0-GCaMP6F.

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](#) .

Plitt MH, et al. (2026) Hippocampal place code plasticity in CA1 requires postsynaptic membrane fusion. *Neuron*, 114(8), 1473.

Jiang Z, et al. (2024) Dopaminergic Neurons in Zona Incerta Drives Appetitive Self-Grooming. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 11(36), e2308974.

Cai J, et al. (2024) An excitatory projection from the basal forebrain to the ventral tegmental area that underlies anorexia-like phenotypes. *Neuron*, 112(3), 458.