

Resource Summary Report

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

pAAV-Ef1a-DO-EGFP-WPRE-pA

RRID:Addgene_37085

Type: Plasmid

Proper Citation

RRID:Addgene_37085

Plasmid Information

URL: <http://www.addgene.org/37085>

Proper Citation: RRID:Addgene_37085

Insert Name: EGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22866029](#)

Vector Backbone Description: Backbone Marker:K. Deisseroth Lab; Backbone Size:5613; Vector Backbone:pAAV-Ef1a-DIO-hChR2(H134R)-mCherry-WPRE-pA; Vector Types:AAV, Cre/Lox, Cre-Off; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-Ef1a-DO-EGFP-WPRE-pA

Record Creation Time: 20220422T222157+0000

Record Last Update: 20260829T080436+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-DO-EGFP-WPRE-pA.

No alerts have been found for pAAV-Ef1a-DO-EGFP-WPRE-pA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Wang Y, et al. (2026) Neuronal competition shapes the encoding, consolidation, and retrieval of precise spatial memories in mice. *Current biology* : CB, 36(9), 2255.

Zhang Y, et al. (2022) Targeting thalamic circuits rescues motor and mood deficits in PD mice. *Nature*, 607(7918), 321.

Wu Y, et al. (2021) Popularizing Recombinant Baculovirus-derived OneBac System for Laboratory Production of all Recombinant Adeno-associated Virus Vector Serotypes. *Current gene therapy*, 21(2), 167.

Roy DS, et al. (2021) Anterior thalamic dysfunction underlies cognitive deficits in a subset of neuropsychiatric disease models. *Neuron*, 109(16), 2590.

Chabrol FP, et al. (2019) Cerebellar Contribution to Preparatory Activity in Motor Neocortex. *Neuron*, 103(3), 506.