

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 30, 2025

pCALNL-GFP

RRID:Addgene_13770

Type: Plasmid

Proper Citation

RRID:Addgene_13770

Plasmid Information

URL: <http://www.addgene.org/13770>

Proper Citation: RRID:Addgene_13770

Insert Name: EGFP

Organism: Aequorea victoria

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17209010](#)

Vector Backbone Description: Backbone Size:4698; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Cre recombinase-dependent inducible expression vector. GFP is expressed only in the presence of Cre, though some recipient scientists have reported some "leaky" expression.

Plasmid Name: pCALNL-GFP

Record Creation Time: 20220422T221757+0000

Record Last Update: 20230915T080356+0000

Ratings and Alerts

No rating or validation information has been found for pCALNL-GFP.

No alerts have been found for pCALNL-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Bragg-Gonzalo L, et al. (2024) Early cortical GABAergic interneurons determine the projection patterns of L4 excitatory neurons. Science advances, 10(19), eadj9911.

Fujimoto S, et al. (2023) Activity-dependent local protection and lateral inhibition control synaptic competition in developing mitral cells in mice. Developmental cell, 58(14), 1221.

Wiegreffe C, et al. (2022) Developmental cell death of cortical projection neurons is controlled by a Bcl11a/Bcl6-dependent pathway. EMBO reports, 23(8), e54104.

Ojima K, et al. (2022) Endogenous slow and fast myosin dynamics in myofibers isolated from mice expressing GFP-Myh7 and Kusabira Orange-Myh1. American journal of physiology. Cell physiology, 323(2), C520.

Wennagel D, et al. (2022) Huntingtin coordinates dendritic spine morphology and function through cofilin-mediated control of the actin cytoskeleton. Cell reports, 40(9), 111261.

Chon U, et al. (2020) Topographically Distinct Projection Patterns of Early-Generated and Late-Generated Projection Neurons in the Mouse Olfactory Bulb. eNeuro, 7(6).

Zhang M, et al. (2019) Axonogenesis Is Coordinated by Neuron-Specific Alternative Splicing Programming and Splicing Regulator PTBP2. Neuron, 101(4), 690.