

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

pCAG-EGFP

RRID:Addgene_89684

Type: Plasmid

Proper Citation

RRID:Addgene_89684

Plasmid Information

URL: <http://www.addgene.org/89684>

Proper Citation: RRID:Addgene_89684

Insert Name: EGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28346402](#)

Vector Backbone Description: Vector Backbone:pCAGGS; Vector Types:Mammalian Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG-EGFP

Record Creation Time: 20220422T222609+0000

Record Last Update: 20260801T082028+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-EGFP.

No alerts have been found for pCAG-EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Roşianu F, et al. (2023) Loss of NDR1/2 kinases impairs endomembrane trafficking and autophagy leading to neurodegeneration. Life science alliance, 6(2).

Bhat P, et al. (2023) Influenza virus mRNAs encode determinants for nuclear export via the cellular TREX-2 complex. Nature communications, 14(1), 2304.

López-Tobón A, et al. (2023) GTF2I dosage regulates neuronal differentiation and social behavior in 7q11.23 neurodevelopmental disorders. Science advances, 9(48), eadh2726.

Ren X, et al. (2023) Structural basis for ATG9A recruitment to the ULK1 complex in mitophagy initiation. Science advances, 9(7), eadg2997.

Dobson L, et al. (2023) GSK3 and lamellipodin balance lamellipodial protrusions and focal adhesion maturation in mouse neural crest migration. Cell reports, 42(9), 113030.

Fiskin E, et al. (2022) Single-cell profiling of proteins and chromatin accessibility using PHAGE-ATAC. Nature biotechnology, 40(3), 374.

Ramirez M, et al. (2022) Temporal analysis of enhancers during mouse cerebellar development reveals dynamic and novel regulatory functions. eLife, 11.

Zhao C, et al. (2022) A Novel Rabies Vaccine Based on a Recombinant Bovine Herpes Virus Type 1 Expressing Rabies Virus Glycoprotein. Frontiers in microbiology, 13, 931043.

Cirksena K, et al. (2021) The C-Mannosylome of Human Induced Pluripotent Stem Cells Implies a Role for ADAMTS16 C-Mannosylation in Eye Development. Molecular & cellular proteomics : MCP, 20, 100092.

Chao G, et al. (2021) Measurement of large serine integrase enzymatic characteristics in HEK293 cells reveals variability and influence on downstream reporter expression. The FEBS journal, 288(22), 6410.

Guo R, et al. (2020) Computational cannula microscopy of neurons using neural networks. Optics letters, 45(7), 2111.

Arimura N, et al. (2020) DSCAM regulates delamination of neurons in the developing midbrain. Science advances, 6(36).

Guo R, et al. (2020) 3D computational cannula fluorescence microscopy enabled by artificial neural networks. Optics express, 28(22), 32342.

Kotarska A, et al. (2020) Cell adhesion molecule close homolog of L1 binds to the dopamine receptor D2 and inhibits the internalization of its short isoform. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(4), 4832.

Goutierre M, et al. (2019) KCC2 Regulates Neuronal Excitability and Hippocampal Activity via Interaction with Task-3 Channels. Cell reports, 28(1), 91.

Sirey TM, et al. (2019) The long non-coding RNA Cerox1 is a post transcriptional regulator of mitochondrial complex I catalytic activity. *eLife*, 8.

Gemechu Y, et al. (2018) Humanized cereblon mice revealed two distinct therapeutic pathways of immunomodulatory drugs. *Proceedings of the National Academy of Sciences of the United States of America*, 115(46), 11802.