Resource Summary Report

Generated by RRID on Aug 19, 2026

pCAG-EGxxFP

RRID:Addgene_50716
Type: Plasmid

Proper Citation

RRID:Addgene_50716

Plasmid Information

URL: http://www.addgene.org/50716

Proper Citation: RRID:Addgene_50716

Insert Name: split EGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24284873

Vector Backbone Description: Backbone Size:5138; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG-EGxxFP

Record Creation Time: 20220422T222259+0000

Record Last Update: 20260815T081608+0000

Ratings and Alerts

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

No alerts have been found for pCAG-EGxxFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 63 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Lkhagvadorj K, et al. (2026) Optimizing CRISPR precision in mouse embryos via microhomology-mediated end joining-dominant targeting. Communications biology, 9(1).

Milenkovic A, et al. (2026) Allele-specific suppression of pathogenic bestrophin-1 transcripts by CRISPR/Cas9-mediated genome editing. Genome medicine, 18(1).

Strucinska K, et al. (2025) Fis1 is required for the development of the dendritic mitochondrial network in pyramidal cortical neurons. bioRxiv : the preprint server for biology.

Morimoto K, et al. (2024) Regional random mutagenesis driven by multiple sgRNAs and diverse on-target genome editing events to identify functionally important elements in non-coding regions. Open biology, 14(4), 240007.

Autio MI, et al. (2024) Computationally defined and in vitro validated putative genomic safe harbour loci for transgene expression in human cells. eLife, 13.

Miyazaki H, et al. (2024) Generation and characterization of cerebellar granule neurons specific knockout mice of Golli-MBP. Transgenic research, 33(3), 99.

Otake M, et al. (2024) Severe cardiac and skeletal manifestations in DMD-edited microminipigs: an advanced surrogate for Duchenne muscular dystrophy. Communications biology, 7(1), 523.

Lim JJ, et al. (2024) Generating an organ-deficient animal model using a multi-targeted CRISPR-Cas9 system. Scientific reports, 14(1), 10636.

Toyoda Y, et al. (2023) Vitamin C transporter SVCT1 serves a physiological role as a urate importer: functional analyses and in vivo investigations. Pflugers Archiv : European journal of physiology, 475(4), 489.

Sato A, et al. (2023) Generation of a familial hypercholesterolemia model in non-human primate. Scientific reports, 13(1), 15649.

Griffin ME, et al. (2023) Functional glycoproteomics by integrated network assembly and partitioning. bioRxiv : the preprint server for biology.

Hamada T, et al. (2022) An oncogenic splice variant of PDGFR?? in adult glioblastoma as a therapeutic target for selective CDK4/6 inhibitors. Scientific reports, 12(1), 1275.

Tabata H, et al. (2022) Erratic and blood vessel-guided migration of astrocyte progenitors in the cerebral cortex. Nature communications, 13(1), 6571.

Habu T, et al. (2022) Gulo gene locus, a new gene editing locus for mammalian cells. Biotechnology journal, 17(7), e2100493.

Duan Y, et al. (2022) Brain-wide Cas9-mediated cleavage of a gene causing familial Alzheimer's disease alleviates amyloid-related pathologies in mice. Nature biomedical

engineering, 6(2), 168.

Dewulf JP, et al. (2021) ECHDC1 knockout mice accumulate ethyl-branched lipids and excrete abnormal intermediates of branched-chain fatty acid metabolism. The Journal of biological chemistry, 297(4), 101083.

Autio MI, et al. (2021) Transposable elements that have recently been mobile in the human genome. BMC genomics, 22(1), 789.

Oura S, et al. (2021) Precise CAG repeat contraction in a Huntington's Disease mouse model is enabled by gene editing with SpCas9-NG. Communications biology, 4(1), 771.

Griffin ME, et al. (2021) Sulfated glycans engage the Ang-Tie pathway to regulate vascular development. Nature chemical biology, 17(2), 178.

Osakabe K, et al. (2021) Genome editing in mammalian cells using the CRISPR type I-D nuclease. Nucleic acids research, 49(11), 6347.