

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 13, 2025

pCas9_GFP

RRID:Addgene_44719

Type: Plasmid

Proper Citation

RRID:Addgene_44719

Plasmid Information

URL: <http://www.addgene.org/44719>

Proper Citation: RRID:Addgene_44719

Insert Name: Cas9-2A-GFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23561441](https://pubmed.ncbi.nlm.nih.gov/23561441/)

Vector Backbone Description: Backbone Size:4200; Vector Backbone:pCAG; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: For more information on Musunuru Lab CRISPR Plasmids please refer to: <http://www.addgene.org/crispr/Musunuru/>

Plasmid Name: pCas9_GFP

Record Creation Time: 20220422T222231+0000

Record Last Update: 20230915T081109+0000

Ratings and Alerts

No rating or validation information has been found for pCas9_GFP.

No alerts have been found for pCas9_GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Chourasia S, et al. (2025) MTCH2 controls energy demand and expenditure to fuel anabolism during adipogenesis. The EMBO journal, 44(4), 1007.

Littleton SH, et al. (2024) Variant-to-function analysis of the childhood obesity chr12q13 locus implicates rs7132908 as a causal variant within the 3' UTR of FAIM2. Cell genomics, 4(5), 100556.

Brackenridge S, et al. (2024) Regulation of the cell surface expression of classical and non-classical MHC proteins by the human cytomegalovirus UL40 and rhesus cytomegalovirus Rh67 proteins. Journal of virology, 98(9), e0120624.

Huang B, et al. (2024) Long-term expandable mouse and human-induced nephron progenitor cells enable kidney organoid maturation and modeling of plasticity and disease. Cell stem cell, 31(6), 921.

Sonti S, et al. (2024) Perturbation of the insomnia WDR90 genome-wide association studies locus pinpoints rs3752495 as a causal variant influencing distal expression of neighboring gene, PIG-Q. Sleep, 47(7).

Wang F, et al. (2024) Progesterone-mediated remodeling of the maternal-fetal interface by a PGRMC1-dependent mechanism. Journal of reproductive immunology, 163, 104244.

Lim LQJ, et al. (2024) ASS1 metabolically contributes to the nuclear and cytosolic p53-mediated DNA damage response. Nature metabolism, 6(7), 1294.

Zhang J, et al. (2024) m5C methylated lncRncr3-MeCP2 interaction restricts miR124a-initiated neurogenesis. Nature communications, 15(1), 5136.

Brackenridge S, et al. (2024) The antibodies 3D12 and 4D12 recognise distinct epitopes and conformations of HLA-E. Frontiers in immunology, 15, 1329032.

Juliar BA, et al. (2024) Interferon- γ induces combined pyroptotic angiopathy and APOL1 expression in human kidney disease. Cell reports, 43(6), 114310.

Taylor T, et al. (2024) The cells are all-right: Regulation of the Lefty genes by separate enhancers in mouse embryonic stem cells. PLoS genetics, 20(12), e1011513.

Sonti S, et al. (2023) Perturbation of the insomnia WDR90 GWAS locus pinpoints rs3752495

as a causal variant influencing distal expression of neighboring gene, PIG-Q. bioRxiv : the preprint server for biology.

Choi JB, et al. (2023) Generation of a CRISPR/Cas9-corrected-hiPSC line (DDLABi001-A) from Fabry disease (FD)-derived iPSCs having α -galactosidase (GLA) gene mutation (c.803_806del). Stem cell research, 66, 103001.

Hashmi SK, et al. (2023) Generation of CHOPe003-A ESC line to study an ACTG2 variant affecting smooth muscle development and function. Stem cell research, 71, 103186.

Littleton SH, et al. (2023) Variant-to-function analysis of the childhood obesity chr12q13 locus implicates rs7132908 as a causal variant within the 3' UTR of FAIM2. bioRxiv : the preprint server for biology.

Gil N, et al. (2023) Complex regulation of Eomes levels mediated through distinct functional features of the Meteor long non-coding RNA locus. Cell reports, 42(6), 112569.

Arendzen CH, et al. (2023) Introduction of a Geminin mScarlet Reporter into H2B-mTurq2 hiPSCs for Live-cell Imaging of Proliferation and Cell Cycling. Stem cell research, 67, 103031.

Takahashi Y, et al. (2023) Transgenerational inheritance of acquired epigenetic signatures at CpG islands in mice. Cell, 186(4), 715.

You Z, et al. (2023) Mapping of clonal lineages across developmental stages in human neural differentiation. Cell stem cell, 30(4), 473.

Srinivas US, et al. (2022) PLK1 inhibition selectively induces apoptosis in ARID1A deficient cells through uncoupling of oxygen consumption from ATP production. Oncogene, 41(13), 1986.