

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

pL-CRISPR.EFS.GFP

RRID:Addgene_57818

Type: Plasmid

Proper Citation

RRID:Addgene_57818

Plasmid Information

URL: <http://www.addgene.org/57818>

Proper Citation: RRID:Addgene_57818

Insert Name: SpCas9

Organism: S. pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24952903](#)

Vector Backbone Description: Vector Backbone:pLKO.005; Vector Types:Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: Use BsmBI sites for sgRNA cloning. Note that this plasmid does NOT contain the 1.9kb stuffer from the pLKO.005 vector backbone.

Plasmid Name: pL-CRISPR.EFS.GFP

Record Creation Time: 20220422T222335+0000

Record Last Update: 20260808T081901+0000

Ratings and Alerts

No rating or validation information has been found for pL-CRISPR.EFS.GFP.

No alerts have been found for pL-CRISPR.EFS.GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 96 mentions in open access literature.

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

Mansourabadi AH, et al. (2026) An oncostatin M receptor and chloride intracellular channel 1 crosstalk drives key oncogenic pathways in glioblastoma. *Signal transduction and targeted therapy*, 11(1).

Dogiparthi VR, et al. (2026) Predictive modeling of signal-responsive cis-elements in human red blood cell precursors. *Nucleic acids research*, 54(10).

Wakigawa T, et al. (2026) Mitochondrial translation termination, recycling, reinitiation, and rescue for in-frame and out-of-frame contexts. *Nature communications*, 17(1).

Jocher G, et al. (2025) The late-onset Alzheimer's disease risk factor RHBDL2 is a modifier of microglial TREM2 proteolysis. *Life science alliance*, 8(5).

Gambi G, et al. (2025) 3D chromatin hubs as regulatory units of identity and survival in human acute leukemia. *Molecular cell*, 85(1), 42.

Zhang Z, et al. (2025) PEAK1 maintains tight junctions in intestinal epithelial cells and resists colitis by inhibiting autophagy-mediated ZO-1 degradation. *Nature communications*, 16(1), 6777.

Li H, et al. (2025) Clonal dynamics shaped by diverse drug-tolerant persister states in melanoma resistance. *bioRxiv : the preprint server for biology*.

Delgado-Bellido D, et al. (2025) Chromosomal 3p loss and 8q gain drive vasculogenic mimicry via HIF-2 α and VE-cadherin activation in uveal melanoma. *Cell death and differentiation*, 32(8), 1473.

Wakigawa T, et al. (2025) Monitoring the complexity and dynamics of mitochondrial translation. *Molecular cell*, 85(22), 4279.

Tan Y, et al. (2025) Tumor cell-derived osteopontin promotes tumor fibrosis indirectly via tumor-associated macrophages. *Journal of translational medicine*, 23(1), 432.

Schwarz FM, et al. (2025) MethyStat sensitizes ovarian cancer cells to PARP-inhibition by targeting the histone demethylases JMJD1B/C. *Cancer gene therapy*, 32(3), 286.

Shimazu T, et al. (2025) Mitochondrial hyper-acetylation induced by an engineered acetyltransferase promotes cellular senescence. *iScience*, 28(9), 113233.

Feng Y, et al. (2024) Integrative functional genomic analyses identify genetic variants influencing skin pigmentation in Africans. *Nature genetics*, 56(2), 258.

Döring M, et al. (2024) Nucleolar protein TAAP1/C22orf46 confers pro-survival signaling in non-small cell lung cancer. *Life science alliance*, 7(4).

Montironi C, et al. (2024) Metabolic signature and response to glutamine deprivation are independent of p53 status in B cell malignancies. *iScience*, 27(5), 109640.

Kuhn NF, et al. (2024) Localized in vivo gene editing of murine cancer-associated fibroblasts. *bioRxiv* : the preprint server for biology.

Shim T, et al. (2024) Cullin-RING E3 ubiquitin ligase 4 regulates neurite morphogenesis during neurodevelopment. *iScience*, 27(2), 108933.

Hoeft K, et al. (2024) ADAMTS12 promotes fibrosis by restructuring extracellular matrix to enable activation of injury-responsive fibroblasts. *The Journal of clinical investigation*, 134(18).

Canoy RJ, et al. (2023) Specificity of cancer-related chromosomal translocations is linked to proximity after the DNA double-strand break and subsequent selection. *NAR cancer*, 5(3), zcad049.

Canoy RJ, et al. (2023) Easy and robust electrotransfection protocol for efficient ectopic gene expression and genome editing in human B cells. *Gene therapy*, 30(1-2), 167.