

Resource Summary Report

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pL-CRISPR.EFS.tRFP

RRID:Addgene_57819

Type: Plasmid

Proper Citation

RRID:Addgene_57819

Plasmid Information

URL: <http://www.addgene.org/57819>

Proper Citation: RRID:Addgene_57819

Insert Name: SpCas9

Organism: Other

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.tRFP

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

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

Krug J, et al. (2023) N-glycosylation Regulates Intrinsic IFN- γ Resistance in Colorectal Cancer: Implications for Immunotherapy. Gastroenterology, 164(3), 392.

Matsuura-Suzuki E, et al. (2022) METTL18-mediated histidine methylation of RPL3 modulates translation elongation for proteostasis maintenance. eLife, 11.

Patel AJ, et al. (2022) PRC2-Inactivating Mutations in Cancer Enhance Cytotoxic Response to DNMT1-Targeted Therapy via Enhanced Viral Mimicry. Cancer discovery, 12(9), 2120.

Li Y, et al. (2022) Histone methylation antagonism drives tumor immune evasion in squamous cell carcinomas. Molecular cell, 82(20), 3901.

Luo X, et al. (2021) 3D Genome of macaque fetal brain reveals evolutionary innovations during primate corticogenesis. Cell, 184(3), 723.

Sharanek A, et al. (2021) Transcriptional control of brain tumor stem cells by a carbohydrate binding protein. Cell reports, 36(9), 109647.

Liu S, et al. (2021) Single-PanIN-seq unveils that ARID1A deficiency promotes pancreatic tumorigenesis by attenuating KRAS-induced senescence. eLife, 10.

Yu M, et al. (2021) Interferon- γ induces tumor resistance to anti-PD-1 immunotherapy by promoting YAP phase separation. Molecular cell, 81(6), 1216.

Ferry L, et al. (2017) Methylation of DNA Ligase 1 by G9a/GLP Recruits UHRF1 to Replicating DNA and Regulates DNA Methylation. Molecular cell, 67(4), 550.