

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 4, 2024

pLKO.1 GFP shRNA

RRID:Addgene_30323

Type: Plasmid

Proper Citation

RRID:Addgene_30323

Plasmid Information

URL: <http://www.addgene.org/30323>

Proper Citation: RRID:Addgene_30323

Insert Name: GFP shRNA

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18497260](#)

Vector Backbone Description: Backbone Marker:Available at Addgene (#8453); Backbone Size:7000; Vector Backbone:pLKO.1 puro; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: shRNA directed against GFP (Target sequence: 5'GCAAGCTGACCCTGAAGTTCAT3'). Used as control shRNA.

Plasmid Name: pLKO.1 GFP shRNA

Ratings and Alerts

No rating or validation information has been found for pLKO.1 GFP shRNA.

No alerts have been found for pLKO.1 GFP shRNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](https://www.fdi-lab.org/).

Uboveja A, et al. (2024) ?KG-mediated carnitine synthesis promotes homologous recombination via histone acetylation. bioRxiv : the preprint server for biology.

Pun R, et al. (2024) PKC? promotes keratinocyte cell migration through Cx43 phosphorylation-mediated suppression of intercellular communication. iScience, 27(3), 109033.

Dai TT, et al. (2024) Inhibiting the m6A Reader IGF2BP3 Suppresses Ovarian Cancer Cell Growth via Regulating PLAGL2 mRNA Stabilization. World journal of oncology, 15(1), 100.

Varineau JE, et al. (2024) A common cellular response to broad splicing perturbations is characterized by metabolic transcript downregulation driven by the Mdm2-p53 axis. Disease models & mechanisms, 17(2).

Tian P, et al. (2024) SP3-induced Timeless transcription contributes to cell growth of lung adenocarcinoma cells. PloS one, 19(2), e0298295.

Nicco C, et al. (2023) Mechanistic target of rapamycin (mTOR) regulates self-sustained quiescence, tumor indolence, and late clinical metastasis in a Beclin-1-dependent manner. Cell cycle (Georgetown, Tex.), 22(5), 542.

Liu Q, et al. (2023) Tcf21 marks visceral adipose mesenchymal progenitors and functions as a rate-limiting factor during visceral adipose tissue development. Cell reports, 42(3), 112166.

Ling H, et al. (2023) HDAC10 blockade upregulates SPARC expression thereby repressing melanoma cell growth and BRAF inhibitor resistance. bioRxiv : the preprint server for biology.

Hsu YJ, et al. (2022) TGFBR3 supports anoikis through suppressing ATF4 signaling. Journal of cell science, 135(17).

Yao C, et al. (2021) SIPA1 Enhances Aerobic Glycolysis Through HIF-2? Pathway to Promote Breast Cancer Metastasis. Frontiers in cell and developmental biology, 9, 779169.

Ankawa R, et al. (2021) Apoptotic cells represent a dynamic stem cell niche governing proliferation and tissue regeneration. Developmental cell, 56(13), 1900.

Geng A, et al. (2020) A novel function of R-spondin1 in regulating estrogen receptor expression independent of Wnt/?-catenin signaling. eLife, 9.

Takahashi N, et al. (2020) 3D Culture Models with CRISPR Screens Reveal Hyperactive NRF2 as a Prerequisite for Spheroid Formation via Regulation of Proliferation and Ferroptosis. *Molecular cell*, 80(5), 828.

Li X, et al. (2019) Viral DNA Binding to NLRC3, an Inhibitory Nucleic Acid Sensor, Unleashes STING, a Cyclic Dinucleotide Receptor that Activates Type I Interferon. *Immunity*, 50(3), 591.

Bajikar SS, et al. (2017) Tumor-Suppressor Inactivation of GDF11 Occurs by Precursor Sequestration in Triple-Negative Breast Cancer. *Developmental cell*, 43(4), 418.