Resource Summary Report

Generated by RRID on Sep 3, 2026

LV-Cre pLKO.1

RRID:Addgene_25997
Type: Plasmid

Proper Citation

RRID:Addgene_25997

Plasmid Information

URL: http://www.addgene.org/25997

Proper Citation: RRID:Addgene_25997

Insert Name: Cre recombinase

Organism: bacteriophage

Bacterial Resistance: Ampicillin

Defining Citation: PMID:20526348

Vector Backbone Description: Backbone Size:6543; Vector Backbone:pLKO.1; Vector Types:Mammalian Expression, Lentiviral, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Second AgeI site is introduced preventing AgeI-EcoRI shRNA subcloning. TRC library shRNAs can be subcloned as an AccI fragment.

Plasmid Name: LV-Cre pLKO.1

Record Creation Time: 20220422T222116+0000

Record Last Update: 20260902T045130+0000

Ratings and Alerts

No rating or validation information has been found for LV-Cre pLKO.1.

No alerts have been found for LV-Cre pLKO.1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Sunami T, et al. (2026) IGF2BP3 is essential for the growth heterogeneity of colorectal adenoma cells by regulating MYC. iScience, 29(7), 116535.

Cho MG, et al. (2024) MRE11 liberates cGAS from nucleosome sequestration during tumorigenesis. Nature, 625(7995), 585.

Zhang X, et al. (2024) Chandipura viral glycoprotein (CNV-G) promotes Gectosome generation and enables delivery of intracellular therapeutics. Molecular therapy : the journal of the American Society of Gene Therapy, 32(7), 2264.

Lorenzo-Martín LF, et al. (2024) Spatiotemporally resolved colorectal oncogenesis in mini-colons ex vivo. Nature, 629(8011), 450.

Wang L, et al. (2023) A single-cell atlas of bovine skeletal muscle reveals mechanisms regulating intramuscular adipogenesis and fibrogenesis. Journal of cachexia, sarcopenia and muscle, 14(5), 2152.

Jana S, et al. (2023) Transcriptional-translational conflict is a barrier to cellular transformation and cancer progression. Cancer cell, 41(5), 853.

Kantzer CG, et al. (2022) ID1 and CEBPA coordinate epidermal progenitor cell differentiation. Development (Cambridge, England), 149(22).

Karagyaur M, et al. (2022) A Novel Cre/lox71-Based System for Inducible Expression of Recombinant Proteins and Genome Editing. Cells, 11(14).

Kato S, et al. (2021) Precision modeling of gall bladder cancer patients in mice based on orthotopic implantation of organoid-derived tumor buds. Oncogenesis, 10(4), 33.

Maru Y, et al. (2021) Probing the tumorigenic potential of genetic interactions reconstituted in murine fallopian tube organoids. The Journal of pathology, 255(2), 177.

Maru Y, et al. (2021) Kras activation in endometrial organoids drives cellular transformation and epithelial-mesenchymal transition. Oncogenesis, 10(6), 46.

Isaev K, et al. (2021) Pan-cancer analysis of non-coding transcripts reveals the prognostic onco-lncRNA HOXA10-AS in gliomas. Cell reports, 37(3), 109873.

Cai EY, et al. (2020) Selective Translation of Cell Fate Regulators Mediates Tolerance to Broad Oncogenic Stress. Cell stem cell, 27(2), 270.

Aono S, et al. (2019) ?-Catenin/TCF4 Complex-Mediated Induction of the NRF3 (NFE2L3) Gene in Cancer Cells. International journal of molecular sciences, 20(13).

Guo Y, et al. (2019) Chemical suppression of specific C-C chemokine signaling pathways enhances cardiac reprogramming. The Journal of biological chemistry, 294(23), 9134.

Gantner ML, et al. (2016) Complementary Roles of Estrogen-Related Receptors in Brown Adipocyte Thermogenic Function. Endocrinology, 157(12), 4770.

Lin J, et al. (2016) MicroRNA-181b inhibits thrombin-mediated endothelial activation and arterial thrombosis by targeting caspase recruitment domain family member 10. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 30(9), 3216.

Moriwaki K, et al. (2015) A RIPK3-caspase 8 complex mediates atypical pro-IL-1? processing. Journal of immunology (Baltimore, Md. : 1950), 194(4), 1938.