Resource Summary Report

Generated by RRID on Aug 19, 2026

pLX304

RRID:Addgene_25890
Type: Plasmid

Proper Citation

RRID:Addgene_25890

Plasmid Information

URL: http://www.addgene.org/25890

Proper Citation: RRID:Addgene_25890

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: PMID:21706014

Vector Backbone Description: Backbone Size:9377; Vector Backbone:pLKO; Vector Types:Mammalian Expression, Lentiviral, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: There is a C-terminal V5 tag followed by a Stop codon directly after the Gateway sequence.

Plasmid Name: pLX304

Record Creation Time: 20220422T222115+0000

Record Last Update: 20260815T081246+0000

Ratings and Alerts

No rating or validation information has been found for pLX304.

No alerts have been found for pLX304.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 166 mentions in open access literature.

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

Melhuish TA, et al. (2026) A simple method for analyzing competitive growth of multiple cell types in xenograft tumors. bioRxiv : the preprint server for biology.

Lei G, et al. (2026) Cuproptosis-immunity crosstalk informs strategy to overcome immunotherapy resistance. Cell.

Horie H, et al. (2026) Three-dimensional reconstruction of a biliary system in a bioengineered liver using decellularized scaffold. Scientific reports, 16(1).

Chava S, et al. (2026) Loss of EHMT2 enhances NK cell-driven anti-tumor immunity through TGF-?1 suppression. EMBO molecular medicine, 18(1), 232.

Fang J, et al. (2026) Genome-wide CRISPR screen identifies a cytokine-enhancer circuit driving HIF-2? activation in renal cancer. The Journal of clinical investigation, 136(10).

Karner H, et al. (2026) Integrative analysis of mRNA stability regulation uncovers a metastasis-suppressive program in breast cancer. Science advances, 12(11), eaea9061.

Karunaraj P, et al. (2026) A hotspot phosphorylation site on SHP2 drives oncoprotein activation and drug resistance. Nature communications, 17(1).

Elhaw AT, et al. (2026) RHOV Is a Detachment-Responsive Rho GTPase Necessary for Ovarian Cancer Peritoneal Metastasis. Cancer research, 86(11), 2623.

Koochaki P, et al. (2026) Structure-guided optimization of SLC1A1/EAAT3-selective inhibitors targeting renal cancer metabolism. The EMBO journal, 45(11), 3763.

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

Caggiano R, et al. (2025) Suppression of ADP-ribosylation reversal triggers cell vulnerability to alkylating agents. Neoplasia (New York, N.Y.), 59, 101092.

Dinesh RK, et al. (2025) Membrane-wide screening identifies potential tissue-specific determinants of SARS-CoV-2 tropism. PLoS pathogens, 21(7), e1013157.

Karunaraj P, et al. (2025) A Hotspot Phosphorylation Site on SHP2 Drives Oncoprotein Activation and Drug Resistance. Research square.

Salomó Coll C, et al. (2025) ER-phagy and proteostasis defects prime pancreatic epithelial state changes in KRAS-mediated oncogenesis. Developmental cell.

Johns E, et al. (2025) The Lipid Droplet Protein DHRS3 Is a Regulator of Melanoma Cell State. Pigment cell & melanoma research, 38(1), e13208.

Grubb T, et al. (2025) The SLC1A1/EAAT3 dicarboxylic amino acid transporter is an epigenetically dysregulated nutrient carrier that sustains oncogenic metabolic programs. Nature communications, 16(1), 10012.

Dunlap KN, et al. (2025) SLC7A5 is required for cancer cell growth under arginine-limited conditions. Cell reports, 44(1), 115130.

Lee C, et al. (2025) DMXL1 promotes recruitment of V1-ATPase to lysosomes upon TRPML1 activation. Nature structural & molecular biology.

Karunaraj P, et al. (2025) A Hotspot Phosphorylation Site on SHP2 Drives Oncoprotein Activation and Drug Resistance. bioRxiv : the preprint server for biology.

Mannherz W, et al. (2025) Metabolic constraint of human telomere length by nucleotide salvage efficiency. Nature communications, 16(1), 3000.