

# Resource Summary Report

Generated by [dkNET](#) on Aug 23, 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 [dkNET](#) .

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.

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

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

Fang J, et al. (2026) Genome-wide CRISPR screen identifies a cytokine-enhancer circuit driving HIF-2 $\alpha$  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.

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

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

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.

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

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.

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

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

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

Zhou J, et al. (2025) SWI/SNF ATPase silenced HLF potentiates lung metastasis in solid cancers. *Nature communications*, 16(1), 5226.