Resource Summary Report

Generated by RRID on Aug 20, 2026

pLX301

RRID:Addgene_25895
Type: Plasmid

Proper Citation

RRID:Addgene_25895

Plasmid Information

URL: http://www.addgene.org/25895

Proper Citation: RRID:Addgene_25895

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: PMID:21706014

Vector Backbone Description: Backbone Size:9531; Vector Backbone:pLKO; Vector Types:Mammalian Expression, Lentiviral, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: There is a Stop codon directly after the Gateway sequence.

Plasmid Name: pLX301

Record Creation Time: 20220422T222115+0000

Record Last Update: 20260815T081246+0000

Ratings and Alerts

No rating or validation information has been found for pLX301.

No alerts have been found for pLX301.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Walter DM, et al. (2025) U2AF1 mutations rescue deleterious exon skipping induced by KRAS mutations. bioRxiv : the preprint server for biology.

Hsu FY, et al. (2025) Sertm2 is a conserved micropeptide that promotes GDNF-mediated motor neuron subtype specification. EMBO reports, 26(8), 2013.

Neumann DP, et al. (2024) Quaking isoforms cooperate to promote the mesenchymal phenotype. Molecular biology of the cell, 35(2), ar17.

Ikeda Y, et al. (2024) DeSUMOylating isopeptidase 1 participates in the faithful chromosome segregation and vincristine sensitivity. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(24), e70261.

McCool MA, et al. (2023) Human nucleolar protein 7 (NOL7) is required for early pre-rRNA accumulation and pre-18S rRNA processing. RNA biology, 20(1), 257.

Choi IY, et al. (2023) The E592K variant of SF3B1 creates unique RNA missplicing and associates with high-risk MDS without ring sideroblasts. Research square.

Ota R, et al. (2023) v-Src delocalizes Aurora B by suppressing Aurora B kinase activity during monopolar cytokinesis. Cellular signalling, 109, 110764.

McKinney AM, et al. (2022) GABP couples oncogene signaling to telomere regulation in TERT promoter mutant cancer. Cell reports, 40(12), 111344.

Misek SA, et al. (2022) BRAF Inhibitor Resistance Confers Increased Sensitivity to Mitotic Inhibitors. Frontiers in oncology, 12, 766794.

Khodeer S, et al. (2022) ALKBH5 regulates somatic cell reprogramming in a phase-specific manner. Journal of cell science, 135(11).

Kumari R, et al. (2021) Simultaneous expression of MMB-FOXM1 complex components enables efficient bypass of senescence. Scientific reports, 11(1), 21506.

Bennett CF, et al. (2021) Peroxisomal-derived ether phospholipids link nucleotides to respirasome assembly. Nature chemical biology, 17(6), 703.

Lee MN, et al. (2021) Antigen identification for HLA class I- and HLA class II-restricted T cell receptors using cytokine-capturing antigen-presenting cells. Science immunology, 6(55).

Ikeuchi M, et al. (2021) The tumor suppressor LATS2 reduces v-Src-induced membrane blebs in a kinase activity-independent manner. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(1), e21242.

Mazhar S, et al. (2020) Challenges and Reinterpretation of Antibody-Based Research on Phosphorylation of Tyr307 on PP2Ac. Cell reports, 30(9), 3164.

Van Bergen NJ, et al. (2020) Mutations in the exocyst component EXOC2 cause severe defects in human brain development. The Journal of experimental medicine, 217(10).

Blumenthal D, et al. (2020) Mouse T cell priming is enhanced by maturation-dependent stiffening of the dendritic cell cortex. eLife, 9.

Sadik A, et al. (2020) IL4I1 Is a Metabolic Immune Checkpoint that Activates the AHR and Promotes Tumor Progression. Cell, 182(5), 1252.

Ta HQ, et al. (2019) Discovery of a novel long noncoding RNA overlapping the LCK gene that regulates prostate cancer cell growth. Molecular cancer, 18(1), 113.

Dalton WB, et al. (2019) Hotspot SF3B1 mutations induce metabolic reprogramming and vulnerability to serine deprivation. The Journal of clinical investigation, 129(11), 4708.