

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

LV-Lac

RRID:Addgene_12108

Type: Plasmid

Proper Citation

RRID:Addgene_12108

Plasmid Information

URL: <http://www.addgene.org/12108>

Proper Citation: RRID:Addgene_12108

Insert Name: LacZ

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11553794](#)

Vector Backbone Description: Backbone Size:6670; Vector Backbone:n/a; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: LV-Lac

Record Creation Time: 20220422T221633+0000

Record Last Update: 20260815T080330+0000

Ratings and Alerts

No rating or validation information has been found for LV-Lac.

No alerts have been found for LV-Lac.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Enz LS, et al. (2023) An Animal Model for Chronic Meningeal Inflammation and Inflammatory Demyelination of the Cerebral Cortex. *International journal of molecular sciences*, 24(18).

Stewart CM, et al. (2023) Sphingosine Kinases Promote Ebola Virus Infection and Can Be Targeted to Inhibit Filoviruses, Coronaviruses, and Arenaviruses Using Late Endocytic Trafficking to Enter Cells. *ACS infectious diseases*, 9(5), 1064.

Benlarbi M, et al. (2022) Identification and differential usage of a host metalloproteinase entry pathway by SARS-CoV-2 Delta and Omicron. *iScience*, 25(11), 105316.

Lu W, et al. (2021) Fibroblast-specific IKK-?? deficiency ameliorates angiotensin II-induced adverse cardiac remodeling in mice. *JCI insight*, 6(18).

Erendor F, et al. (2021) Lentiviral gene therapy vectors encoding VIP suppressed diabetes-related inflammation and augmented pancreatic beta-cell proliferation. *Gene therapy*, 28(3-4), 130.

Carter-Timofte ME, et al. (2021) Antiviral Potential of the Antimicrobial Drug Atovaquone against SARS-CoV-2 and Emerging Variants of Concern. *ACS infectious diseases*, 7(11), 3034.

Chiola S, et al. (2019) Intraventricular Transplantation of Engineered Neuronal Precursors for In Vivo Neuroarchitecture Studies. *Journal of visualized experiments : JoVE*(147).

Lin CC, et al. (2018) A cleavage product of Polycystin-1 is a mitochondrial matrix protein that affects mitochondria morphology and function when heterologously expressed. *Scientific reports*, 8(1), 2743.

Menezes LF, et al. (2016) Fatty Acid Oxidation is Impaired in An Orthologous Mouse Model of Autosomal Dominant Polycystic Kidney Disease. *EBioMedicine*, 5, 183.

Barboza LC, et al. (2016) Transplantation and survival of mouse inner ear progenitor/stem cells in the organ of Corti after cochleostomy of hearing-impaired guinea pigs: preliminary results. *Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas*, 49(4), e5064.

Reichert M, et al. (2013) Isolation, culture and genetic manipulation of mouse pancreatic ductal cells. *Nature protocols*, 8(7), 1354.

Bais MV, et al. (2009) BMP2 is essential for post natal osteogenesis but not for recruitment of osteogenic stem cells. *Bone*, 45(2), 254.