

Resource Summary Report

Generated by [nidm-terms](#) on Jul 30, 2026

LacZ in pLX304

RRID:Addgene_42560

Type: Plasmid

Proper Citation

RRID:Addgene_42560

Plasmid Information

URL: <http://www.addgene.org/42560>

Proper Citation: RRID:Addgene_42560

Insert Name: LacZ

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23245941](#)

Vector Backbone Description: Vector Backbone:pLX304; Vector Types:Lentiviral;
Bacterial Resistance:Ampicillin

Comments: Please note that there are a few minor sequence discrepancies between the provided depositor's sequence and Addgene quality control sequence, most notably the 6xHis tag is missing. These changes should not affect function and this plasmid can still be used as control.

Plasmid Name: LacZ in pLX304

Record Creation Time: 20220422T222219+0000

Record Last Update: 20260725T074702+0000

Ratings and Alerts

No rating or validation information has been found for LacZ in pLX304.

No alerts have been found for LacZ in pLX304.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Xu M, et al. (2023) Heat shock factor 1 (HSF1) specifically potentiates c-MYC-mediated transcription independently of the canonical heat shock response. *Cell reports*, 42(6), 112557.

Gunyuz ZE, et al. (2022) SEMA6D Differentially Regulates Proliferation, Migration, and Invasion of Breast Cell Lines. *ACS omega*, 7(18), 15769.

Rosado-Olivieri EA, et al. (2019) YAP inhibition enhances the differentiation of functional stem cell-derived insulin-producing ?? cells. *Nature communications*, 10(1), 1464.

Melhuish TA, et al. (2018) Myt1 and Myt1l transcription factors limit proliferation in GBM cells by repressing YAP1 expression. *Biochimica et biophysica acta. Gene regulatory mechanisms*, 1861(11), 983.