

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

pBV-Luc

RRID:Addgene_16539

Type: Plasmid

Proper Citation

RRID:Addgene_16539

Plasmid Information

URL: <http://www.addgene.org/16539>

Proper Citation: RRID:Addgene_16539

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10555149](#)

Vector Backbone Description: Backbone Marker:Vogelstein Lab; Backbone Size:4867; Vector Backbone:pBV-Luc; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: pBV-Luc

Record Creation Time: 20220422T221933+0000

Record Last Update: 20260815T080928+0000

Ratings and Alerts

No rating or validation information has been found for pBV-Luc.

No alerts have been found for pBV-Luc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Ko SY, et al. (2026) Disruption of major Ptchd1 isoforms causes autistic traits in social behavior and communication. *Molecular psychiatry*.

Kovács B, et al. (2025) CoreTIA: a modular, statistically robust transduction inhibition assay for AAV neutralization. *Frontiers in immunology*, 16, 1623848.

Xie CTY, et al. (2024) Nonsynonymous Mutations in Intellectual Disability and Autism Spectrum Disorder Gene PTCHD1 Disrupt N-Glycosylation and Reduce Protein Stability. *Cells*, 13(2).

Rodríguez TC, et al. (2023) Multiomics characterization of mouse hepatoblastoma identifies yes-associated protein 1 target genes. *Hepatology (Baltimore, Md.)*, 78(1), 58.

Zhang Y, et al. (2023) RASSF1 is identified by transcriptome coordination analysis as a target of ATF4. *FEBS open bio*, 13(3), 556.

Stevenson MJ, et al. (2023) Altered binding affinity of SIX1-Q177R correlates with enhanced WNT5A and WNT pathway effector expression in Wilms tumor. *Disease models & mechanisms*, 16(11).

Pundel OJ, et al. (2022) Extracellular Adhesive Cues Physically Define Nucleolar Structure and Function. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 9(10), e2105545.

Li H, et al. (2022) YAP/TAZ drives cell proliferation and tumour growth via a polyamine-eIF5A hypusination-LSD1 axis. *Nature cell biology*, 24(3), 373.

Aarts JMMJG, et al. (2021) Evolution of Hominin Detoxification: Neanderthal and Modern Human Ah Receptor Respond Similarly to TCDD. *Molecular biology and evolution*, 38(4), 1292.

Voronkova MA, et al. (2020) The SOX9-Aldehyde Dehydrogenase Axis Determines Resistance to Chemotherapy in Non-Small-Cell Lung Cancer. *Molecular and cellular biology*, 40(2).

Ahuja N, et al. (2020) Hypoxia-induced TGF- β -RBFox2-ESRP1 axis regulates human MENA alternative splicing and promotes EMT in breast cancer. *NAR cancer*, 2(3), zcaa021.

Lang Y, et al. (2020) Characterization of porcine p53 and its regulation by porcine Mdm2. *Gene*, 748, 144699.

Rotstan KA, et al. (2020) Regulation of mRNA translation by a photoriboswitch. *eLife*, 9.

Cai J, et al. (2018) A RhoA-YAP-c-Myc signaling axis promotes the development of polycystic kidney disease. *Genes & development*, 32(11-12), 781.

Lamprecht S, et al. (2018) PBX3 Is Part of an EMT Regulatory Network and Indicates Poor Outcome in Colorectal Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 24(8), 1974.

Zhao N, et al. (2018) Pharmacological targeting of MYC-regulated IRE1/XBP1 pathway suppresses MYC-driven breast cancer. *The Journal of clinical investigation*, 128(4), 1283.

Noguchi K, et al. (2018) Interleukin-like EMT inducer (ILEI) promotes melanoma invasiveness and is transcriptionally up-regulated by upstream stimulatory factor-1 (USF-1). *The Journal of biological chemistry*, 293(29), 11401.

Díaz-Triviño S, et al. (2017) Analysis of a Plant Transcriptional Regulatory Network Using Transient Expression Systems. *Methods in molecular biology* (Clifton, N.J.), 1629, 83.

Dufton NP, et al. (2017) Dynamic regulation of canonical TGF β signalling by endothelial transcription factor ERG protects from liver fibrogenesis. *Nature communications*, 8(1), 895.

Hossain MS, et al. (2017) Reduction of Ether-Type Glycerophospholipids, Plasmalogens, by NF- κ B Signal Leading to Microglial Activation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(15), 4074.