

Resource Summary Report

Generated by [dkNET](#) on Sep 18, 2026

pBABE-puro SV40 LT

RRID:Addgene_13970

Type: Plasmid

Proper Citation

RRID:Addgene_13970

Plasmid Information

URL: <http://www.addgene.org/13970>

Proper Citation: RRID:Addgene_13970

Insert Name: SV40 LT

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12781366](#)

Vector Backbone Description: Backbone Size:5169; Vector Backbone:pBABE-puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pBABE-puro SV40 LT

Record Creation Time: 20220422T221807+0000

Record Last Update: 20260912T091943+0000

Ratings and Alerts

No rating or validation information has been found for pBABE-puro SV40 LT.

No alerts have been found for pBABE-puro SV40 LT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 85 mentions in open access literature.

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

Yamamuro T, et al. (2026) Mitochondrial control of glycerolipid synthesis by a PEP shuttle. *Cell*, 189(10), 2988.

Dennaoui R, et al. (2025) STAT-independent functions of Janus kinases 1 and 2 are obligatory for the postnatal development of mammary epithelial ducts. *Cell reports*, 45(1), 116703.

Rashan EH, et al. (2025) ACAD10 and ACAD11 enable mammalian 4-hydroxy acid lipid catabolism. *Nature structural & molecular biology*, 32(9), 1622.

Heide J, et al. (2025) NNMT inhibition in cancer-associated fibroblasts restores antitumour immunity. *Nature*.

Piasecki AJ, et al. (2025) Flow Cytometric Quantification of Mitochondrial Properties: A High-Throughput Approach for Single Organelle Analysis. *International journal of molecular sciences*, 26(12).

Park CH, et al. (2025) Cold-inducible GOT1 activates the malate-aspartate shuttle in brown adipose tissue to support fuel preference for fatty acids. *Cell reports*, 44(7), 115888.

Sánchez-Feutrie M, et al. (2025) Identification of Neuritin 1 as a local metabolic regulator of brown adipose tissue. *Nature communications*, 16(1), 7033.

Zhou H, et al. (2024) AGPAT3 deficiency impairs adipocyte differentiation and leads to a lean phenotype in mice. *American journal of physiology. Endocrinology and metabolism*, 327(1), E69.

Shao X, et al. (2024) Generation of a conditional cellular senescence model using proximal tubule cells and fibroblasts from human kidneys. *Cell death discovery*, 10(1), 364.

Vargas-Castillo A, et al. (2024) Development of a functional beige fat cell line uncovers independent subclasses of cells expressing UCP1 and the futile creatine cycle. *Cell metabolism*, 36(9), 2146.

Ito R, et al. (2024) Mitochondrial biogenesis in white adipose tissue mediated by JMJD1A-PGC-1 axis limits age-related metabolic disease. *iScience*, 27(4), 109398.

Ho TLF, et al. (2023) Domain-specific p53 mutants activate EGFR by distinct mechanisms exposing tissue-independent therapeutic vulnerabilities. *Nature communications*, 14(1), 1726.

Piñeiro-Ramil M, et al. (2023) Generation of human immortalized chondrocytes from osteoarthritic and healthy cartilage : a new tool for cartilage pathophysiology studies. *Bone & joint research*, 12(1), 46.

Sanz-Serrano D, et al. (2023) Dental Stem Cells SV40, a new cell line developed in vitro from human stem cells of the apical papilla. *International endodontic journal*, 56(4), 502.

Sabaté-Pérez A, et al. (2023) Autophagy-mediated NCOR1 degradation is required for brown fat maturation and thermogenesis. *Autophagy*, 19(3), 904.

Terry AR, et al. (2023) CD36 maintains lipid homeostasis via selective uptake of monounsaturated fatty acids during matrix detachment and tumor progression. *Cell metabolism*, 35(11), 2060.

Pintor-Cora A, et al. (2023) Cytotoxicity and Antimicrobial Resistance of *Aeromonas* Strains Isolated from Fresh Produce and Irrigation Water. *Antibiotics (Basel, Switzerland)*, 12(3).

Valdivia A, et al. (2023) Nox1-based NADPH oxidase regulates the Par protein complex activity to control cell polarization. *Frontiers in cell and developmental biology*, 11, 1231489.

Hoeft K, et al. (2023) Platelet-instructed SPP1+ macrophages drive myofibroblast activation in fibrosis in a CXCL4-dependent manner. *Cell reports*, 42(2), 112131.

Aoyama S, et al. (2023) Monitoring autophagic flux in vivo revealed its physiological response and significance of heterogeneity in pancreatic beta cells. *Cell chemical biology*.