

Resource Summary Report

Generated by [kravitz2](#) on Aug 5, 2026

psPAX2

RRID:Addgene_12260

Type: Plasmid

Proper Citation

RRID:Addgene_12260

Plasmid Information

URL: <http://www.addgene.org/12260>

Proper Citation: RRID:Addgene_12260

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:10703; Vector Backbone:psPAX2; Vector Types:Mammalian Expression, Lentiviral, Packaging; Bacterial Resistance:Ampicillin

Comments: 2nd generation lentivirus packaging vector. Known to work with many of the Aebischer and Trono lab lentiviral vectors, as well as the pLKO system. Produces higher titer than pCMV-dR8.2 dvpr. Note: This plasmid may run as a dimer. Try testing multiple colonies to select the monomer. It may be helpful to follow protocols for low copy plasmids. Please visit the Trono lab <http://tronolab.epfl.ch> for cloning strategies, protocols, publications, and more.

Plasmid Name: psPAX2

Record Creation Time: 20220422T221641+0000

Record Last Update: 20260801T080139+0000

Ratings and Alerts

- Used for lentivirus production by the Human Islet Research Network community. Contact(s): [Leonardo Ramos-Ferreira](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for psPAX2.

Data and Source Information

Usage and Citation Metrics

We found 7713 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Wang Y, et al. (2026) LncRNA DANCER Activates p38/mTOR-Mediated Autophagy via ANXA2 to Exacerbate Oxygen-Induced Retinal Neovascularization in Mice. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(1), e71364.

Kurochkin I, et al. (2026) A combinatorial transcription factor screening platform for immune cell reprogramming. Cell systems, 101457.

Carlson HL, et al. (2026) MYST acetyltransferases are a targetable therapeutic vulnerability in SETBP1-mutant leukemia. bioRxiv : the preprint server for biology.

Hurley K, et al. (2026) PARP1 recruits SPRTN to DNA-protein crosslinks through a conserved poly-ADP-ribose binding domain. bioRxiv : the preprint server for biology.

Li J, et al. (2026) Single-cell screens identify ADAM12 as a fibroblast checkpoint impeding anti-tumor immunity. Cancer cell.

Xiao L, et al. (2026) TWEAK modulates the characteristics of periodontal ligament stem cells via the Fn14/NF- κ B pathway. International journal of molecular medicine, 57(1).

Liparulo I, et al. (2026) A clickable CoQ imaging probe reveals that cellular uptake and lysosomal trafficking depend on CD36 and NPC1. Redox biology, 89, 103936.

Uible EE, et al. (2026) Scaffolding-dependent CASP1 constrains excessive cell-intrinsic inflammatory signaling in leukemia. Cell chemical biology, 33(1), 59.

Mirzaei R, et al. (2026) Spatial single-cell profiling identifies protein kinase C δ -expressing microglia with anti-tumor function in glioblastoma. iScience, 29(1), 114281.

Rainwater RR, et al. (2026) DNA-PKcs controls the cytotoxic T cell response to cancer and transplant allograft through regulating LAT-dependent signaling. Cell reports, 45(1), 116796.

Li L, et al. (2026) Ubiquitination-directed cytosolic DNA degradation governs cGAS-STING-mediated immune response to DNA damage. Cancer cell.

Pan R, et al. (2026) Basement membrane-associated gene P3H2 regulates osteosarcoma progression and epithelial-mesenchymal transition through AKT/mTOR signaling axis. Translational oncology, 63, 102569.

Bianchi N, et al. (2026) FCRL3 is an immunoregulatory receptor that restrains the activation of human memory T lymphocytes. The Journal of experimental medicine, 223(1).

Li D, et al. (2026) Inhibiting macrophage-derived lactate transport restores cGAS-STING signalling and enhances antitumour immunity in glioblastoma. *Nature cell biology*.

Liu Z, et al. (2026) AARS1-mediated AKR1B10 lactylation stabilizes an aerobic glycolysis-positive feedback loop to drive lenvatinib resistance in hepatocellular carcinoma. *Clinical and translational medicine*, 16(1), e70561.

Lorenz SM, et al. (2026) A fin-loop-like structure in GPX4 underlies neuroprotection from ferroptosis. *Cell*, 189(1), 287.

Li X, et al. (2026) The TCR-SUB1-DOCK2 axis promotes autoimmunity by driving pathogenic CD4+ T cell tissue infiltration. *Immunity*, 59(1), 98.

Dung PVT, et al. (2026) A calcium-sensing MCTP1/FYN/MEF2C circuit drives therapy-induced neuroendocrine prostate cancer. *Neoplasia (New York, N.Y.)*, 71, 101251.

Baars B, et al. (2026) RAS Mutation-Specific Responses to Paralog- and State-Selective RAS Inhibitors. *Molecular cancer research : MCR*, 24(1), 60.

Behera AK, et al. (2026) RNA-coupled CRISPR screens reveal ZNF207 as a regulator of LMNA aberrant splicing in progeria. *Molecular cell*, 86(1), 41.