Resource Summary Report

Generated by ASWG on Sep 20, 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: 20260919T090722+0000

Ratings and Alerts

- Used for lentivirus production by the Human Islet Research Network community. Contact(s): Leonardo Ramos-Ferriera - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for psPAX2.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 8280 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Zhao H, et al. (2026) ALYREF condensation stabilizes m5C-modified PARP10 mRNA and promotes PI3K-AKT signaling in ovarian cancer. The EMBO journal, 45(2), 471.

Hough SH, et al. (2026) Loss of CTLH component MAEA impairs DNA repair and replication and leads to developmental delay. EMBO molecular medicine, 18(2), 492.

Mari A, et al. (2026) ATAD2 drives melanoma growth and progression and inhibits ferroptosis. EMBO reports, 27(2), 501.

Fulciniti M, et al. (2026) ID2 Suppresses Multiple Myeloma Cell Proliferation by Repressing the Activity of the Transcription Factor TCF3. Blood cancer discovery, 7(1), 129.

Kim M, et al. (2026) Bone Metastatic Progression of Prostate Cancer Is Regulated by TRIM28-LDHA-Mediated Metabolism. Molecular cancer research : MCR, 24(2), 93.

Ndoci M, et al. (2026) Mitochondria limit coenzyme Q export under cholesterol biosynthetic stress. The Journal of cell biology, 225(8).

Masjedizadeh V, et al. (2026) Dual Expression of Magnetosome-Associated Genes mms6 and magA to Enhance Magnetic Resonance Imaging Contrast in Mammalian Cells. Molecular imaging, 25, 15353508261431711.

Liu A, et al. (2026) Soluble Uric Acid Drives CD8+ T-cell Exhaustion by Inducing KSR1-Mediated MAPK Hyperactivation. Cancer research, 86(14), 3459.

Lövestam S, et al. (2026) Twelve phosphomimetic mutations induce the assembly of recombinant full-length human tau into paired helical filaments. eLife, 14.

Fachi JL, et al. (2026) LINGO4 coordinates ILC3-intrinsic IL-22 production and microbiota-mediated ILC3 homeostasis. The Journal of experimental medicine, 223(6).

Altman AR, et al. (2026) Protocol for identifying cellular reprogramming minimal networks using combinatorial transcription factor screening. STAR protocols, 7(2), 104527.

Belliveau NM, et al. (2026) Galvanin (TMEM154) is an electric-field sensor for directed cell migration. Cell, 189(13), 4107.

Karnay A, et al. (2026) Transcription and cohesin direct domain boundary spatial positioning and are linked to Friedreich's ataxia. Molecular cell, 86(10), 1911.

Cao Y, et al. (2026) CTSZ-dependent anoikis resistance enhances malignant characters of glioblastoma via NF-?B signaling. iScience, 29(6), 115992.

Blackson W, et al. (2026) A generalizable system for antigenic peptide targeting across HLA-I allotypes. bioRxiv : the preprint server for biology.

Sharma AL, et al. (2026) HIV and Cocaine exposure promote Tau phosphorylation through RSK-1 in a GSK3?-independent manner. bioRxiv : the preprint server for biology.

Gómez-Deza J, et al. (2026) ATF2 phosphorylation is a core transcriptional driver of neuron apoptosis. Neuron, 114(12), 2183.

Kanokogi T, et al. (2026) Temporal control of Ninj1 activation determines cell-to-cell heterogeneity in IL-33 release. Communications biology.

Vaquié AM, et al. (2026) Adaptaquin is selectively toxic to glioma stem cells through disruption of iron and cholesterol metabolism. Molecular oncology, 20(2), 307.

Gumpert N, et al. (2026) Recurrent Immunogenic Neoantigens and Their Cognate T-cell Receptors in Treatment-Resistant Metastatic Prostate Cancer. Cancer discovery, 16(2), 250.