Resource Summary Report

Generated by Kravitz 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 Kravitz .

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.

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.

Jiang S, et al. (2026) HSPA1A and DNAJB1 regulate NELF condensate dynamics to safeguard transcriptional recovery under heat stress. Molecular cell, 86(4), 674.

Wrenn ED, et al. (2026) Autocrine TGF?2 enforces a transcriptionally hybrid cell state in Ewing sarcoma. Science advances, 12(4), eady0550.

Boulton S, et al. (2026) Oncolytic vaccinia virus encoding constitutively active EPAC remodels the tumor microenvironment to enhance therapeutic efficacy with chemotherapy and surgery. Journal for immunotherapy of cancer, 14(1).

Jha RK, et al. (2026) Dynamic Supercoiling Sponsors Transcription Amplification by MYC. bioRxiv : the preprint server for biology.

Sánchez BG, et al. (2026) TRPV1 Downregulation Impairs Prostate Cancer Growth: Functional and Translational Insights from Cellular and In Vivo Models. International journal of biological sciences, 22(4), 2101.

Shaum JB, et al. (2026) High-throughput ligand diversification to discover chemical inducers of proximity. Nature chemical biology.

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.

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

Wang Y, et al. (2026) CLOCK-catalyzed histone H3K37 glutarylation suppresses H3K36 trimethylation pathways in glioblastoma. Science advances, 12(13), eaea1127.

Fagnan A, et al. (2026) A mechanism to initiate emergency type 2 myelopoiesis. Nature, 653(8113), 212.

Favara DM, et al. (2026) aGPCR-HEK: A Stable High-Expression Inducible Mammalian Cell Expression System for Adhesion GPCR Structural Biology Applications. Bio-protocol, 16(5), e5621.

Li A, et al. (2026) Protocol for stable cell line production to express muscle-type nicotinic receptor. STAR protocols, 7(1), 104427.

Zhang M, et al. (2026) Lamin A/C safeguards replication initiation by orchestrating chromatin accessibility and PCNA recruitment. Cell reports, 45(3), 117075.

Xie S, et al. (2026) Loss of p53 exacerbates autoimmunity by reprogramming propionyl-CoA metabolism and histone modifications in Treg cells. Cell reports, 45(3), 117084.

Li S, et al. (2026) Microhomology-mediated end joining acts directly on replication forks to repair single-ended double-strand breaks. Molecular cell, 86(7), 1230.

Tuerxunyiming M, et al. (2026) A targeting lentiviral vector for generation of CAR-T cells in vivo. Scientific reports, 16(1).