

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 23, 2026

## psPAX2

RRID:Addgene\_12260

Type: Plasmid

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### Proper Citation

RRID:Addgene\_12260

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### 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

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### 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.

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### Data and Source Information

## Usage and Citation Metrics

We found 8280 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

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 $\beta$ 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).