

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

pRSV-Rev

RRID:Addgene_12253

Type: Plasmid

Proper Citation

RRID:Addgene_12253

Plasmid Information

URL: <http://www.addgene.org/12253>

Proper Citation: RRID:Addgene_12253

Insert Name: Rev

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9765382](#)

Vector Backbone Description: Backbone Size:4174; Vector Backbone:pRSV-Rev; Vector Types:Mammalian Expression, Lentiviral, Packaging; Bacterial Resistance:Ampicillin

Comments: Rev cDNA expressing plasmid in which the joined second and third exons of HIV-1 rev are under the transcriptional control of RSV U3 promoter. Part of the 3rd generation packaging system. Please note that most of Trono lab lentiviral vectors can only be used with the 2nd generation packaging system. See notes for pMDLg/pRRE. Please visit the Trono lab <http://tronolab.epfl.ch> for cloning strategies, protocols, publications, and more.

Plasmid Name: pRSV-Rev

Record Creation Time: 20220422T221641+0000

Record Last Update: 20260829T075333+0000

Ratings and Alerts

No rating or validation information has been found for pRSV-Rev.

No alerts have been found for pRSV-Rev.

Data and Source Information

Usage and Citation Metrics

We found 1272 mentions in open access literature.

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

Fritz M, et al. (2026) Enhancing in vivo B cell gene delivery using targeted lentiviral vectors and transduction enhancers. *Acta biomaterialia*, 218, 406.

Balka KR, et al. (2026) Noncanonical IRF3 function mediates STING-dependent pro-inflammatory cytokine production in macrophages. *EMBO reports*, 27(11), 2865.

Zhao J, et al. (2026) An orthogonal CRISPR/Cpf1 platform for precise spatiotemporal gene regulation and osteoporotic fracture repair. *Cell reports methods*, 6(2), 101299.

Ermellino L, et al. (2026) Targeting PD-1+ T cells with chimeric antigen receptors to reduce the HIV reservoir. *Science advances*, 12(17), eaeb7602.

Yamanaka R, et al. (2026) Angiotensin II type 1 receptor signaling promotes bladder cancer progression and its inhibition by Losartan. *Hypertension research : official journal of the Japanese Society of Hypertension*, 49(4), 1480.

Kaku M, et al. (2026) Interferon- γ induction heterogeneity during KSHV infection is correlated to levels and activation of the transcription factors ATF2 and RelA, and not IRF3. *PLoS pathogens*, 22(2), e1013947.

Zhang H, et al. (2026) Insights from pooled CRISPRi single-cell screens in K562 cells reveal gene functions, regulatory networks, and highlight opportunities and limitations. *BMC genomics*, 27(1).

Zhao S, et al. (2026) RNF25 confers mRNA damage tolerance by curbing activation of the integrated stress response. *Molecular cell*, 86(7), 1275.

Manoharan T, et al. (2026) Identification of immunogenic neoantigens from intron retention in colorectal cancer. *Scientific reports*, 16(1).

Fei G, et al. (2026) Establishment and characterization of an immortalized bovine luteal cell line. *Frontiers in veterinary science*, 13, 1758622.

Huang RE, et al. (2026) Arrayed single-gene perturbations identify drivers of human anterior neural tube closure. *eLife*, 14.

Downing NF, et al. (2026) PRC2/FOXO1-Mediated Repression Determines Interchangeability of ETS Oncogenes in Prostate Cancer and Ewing Sarcoma. *Molecular cancer research : MCR*, 24(1), 48.

Lee S, et al. (2026) Functional characterization of SDHB variants clarifies hereditary pheochromocytoma and paraganglioma risk and genotype-phenotype relationships. *The Journal of clinical investigation*, 136(4).

Mateus-Tique J, et al. (2026) Armored macrophage-targeted CAR-T cells reset and reprogram the tumor microenvironment and control metastatic cancer growth. *Cancer cell*, 44(3), 534.

Ristori T, et al. (2026) Bmp9 regulates Notch signaling and the temporal dynamics of angiogenesis via Lunatic Fringe. *Developmental cell*, 61(4), 837.

Tolkacheva EV, et al. (2026) Novel Small Molecule GLP-1R Agonists Based on 1H-Benzo[d]imidazole-5-Carboxylic Acid Scaffold. *Molecules (Basel, Switzerland)*, 31(7).

Ye Y, et al. (2026) DCPS modulates TDP-43-linked neurodegeneration through P-body-mediated RNA decay. *Neuron*, 114(11), 1970.

Alvaro-Espinosa L, et al. (2026) MIF-Induced CD74+ Microglia and Macrophages Promote Progression of Brain Metastasis and Are Clinically Relevant across Central Nervous System Disorders. *Cancer research*, 86(13), 3249.

Schaap G, et al. (2026) The murine MHC-E molecule Qa-1b is surface displayed in a peptide-free conformation in homeostasis. *Frontiers in immunology*, 17, 1743362.

de Blas A, et al. (2026) Enhancing Proteasome Activity in T Cells Alleviates Exhaustion and Improves Antitumor Immunity. *Cancer research*, 86(12), 2896.