

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

Pax2

RRID:Addgene_35002

Type: Plasmid

Proper Citation

RRID:Addgene_35002

Plasmid Information

URL: <http://www.addgene.org/35002>

Proper Citation: RRID:Addgene_35002

Insert Name: Paired box protein Pax-2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21646515](#)

Vector Backbone Description: Backbone Marker:Malin Parmar; Backbone Size:7041; Vector Backbone:pCCL-cppt-PGK-WPRE; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: Pax2

Record Creation Time: 20220422T222149+0000

Record Last Update: 20260815T081356+0000

Ratings and Alerts

No rating or validation information has been found for Pax2.

No alerts have been found for Pax2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Foidart P, et al. (2026) Whole-genome doubling drives immune evasion by silencing antigen presentation. *Cancer cell*, 44(7), 1418.

Chowdhury P, et al. (2026) Lysine demethylase 4A is a centrosome-associated protein required for centrosome integrity and genomic stability. *The FEBS journal*, 293(2), 396.

Papadopoli D, et al. (2026) Mitochondrial ETF insufficiency drives neoplastic growth by selectively optimizing cancer bioenergetics. *eLife*, 14.

Ahmed O, et al. (2025) O-GlcNAcylation of FOXK1 co-opts BAP1 to orchestrate the E2F pathway and promotes oncogenesis. *Nature communications*, 16(1), 5959.

Tian G, et al. (2025) PRDM1 Is a Key Regulator of the NKT-cell Central Memory Program and Effector Function. *Cancer immunology research*, 13(4), 577.

Wang S, et al. (2025) The Role of the Hexosamine-Sialic Acid Metabolic Pathway Mediated by GFPT1/NANS in c-Myc-Driven Hepatocellular Carcinoma. *Cellular and molecular gastroenterology and hepatology*, 19(9), 101523.

Agadjanian H, et al. (2025) Immunocompetent C57BL/6 syngeneic mouse ovarian cancer models with defined genetic alterations. *Scientific reports*, 15(1), 34969.

Watt K, et al. (2025) Epigenetic alterations facilitate transcriptional and translational programs in hypoxia. *Nature cell biology*, 27(11), 1965.

Krishnamurthy M, et al. (2024) Metastatic organotropism in small cell lung cancer. *bioRxiv* : the preprint server for biology.

Zhou T, et al. (2024) LncRNA LOC730101 Promotes Darolutamide Resistance in Prostate Cancer by Suppressing miR-1-3p. *Cancers*, 16(14).

Tinsley SL, et al. (2024) KRAS-mediated upregulation of CIP2A promotes suppression of PP2A-B56 γ to initiate pancreatic cancer development. *bioRxiv* : the preprint server for biology.

Pulupa JM, et al. (2024) DNA sequence-induced solid phase transition as a solution to the genome folding paradox. *Research square*.

Tamargo-Gómez I, et al. (2023) Analysis of ATG4C function in vivo. *Autophagy*, 19(11), 2912.

Liu Y, et al. (2023) Atrial Septal Defect (ASD) associated long non-coding RNA STX18-AS1 maintains time-course of in vitro cardiomyocyte differentiation. *Genes & diseases*, 10(4), 1150.

Martínez-Zamudio RI, et al. (2023) Escape from oncogene-induced senescence is controlled by POU2F2 and memorized by chromatin scars. *Cell genomics*, 3(4), 100293.

Collins SE, et al. (2023) Ras-mediated activation of mTORC2 promotes breast epithelial cell migration and invasion. *Molecular biology of the cell*, 34(2), ar9.

Jovanović B, et al. (2023) Heterogeneity and transcriptional drivers of triple-negative breast cancer. *Cell reports*, 42(12), 113564.

Lu L, et al. (2022) Selective cleavage of ncRNA and antiviral activity by RNase2/EDN in THP1-induced macrophages. *Cellular and molecular life sciences : CMLS*, 79(4), 209.

Liu Y, et al. (2022) Data on cardiac lncRNA STX18-AS1 expression in developing human hearts and function during in vitro hESC-cardiomyocyte differentiation. *Data in brief*, 45, 108770.

Müller TG, et al. (2021) HIV-1 uncoating by release of viral cDNA from capsid-like structures in the nucleus of infected cells. *eLife*, 10.