

Resource Summary Report

Generated by [kravitz2](#) on Aug 10, 2026

B6.FVB-Tg(Pdx1-cre)6Tuv/J

RRID:IMSR_JAX:014647

Type: Organism

Proper Citation

RRID:IMSR_JAX:014647

Organism Information

URL: <https://www.jax.org/strain/014647>

Proper Citation: RRID:IMSR_JAX:014647

Description: Mus musculus with name B6.FVB-Tg(Pdx1-cre)6Tuv/J from IMSR.

Species: Mus musculus

Synonyms: B6;CBA-Tg(Pdx1-cre)6Cvw/J. B6.FVB-Tg(lpf1-cre)6Tuv/J

Notes: gene symbol note: transgene insertion 6; David A Tuveson||pancreatic and duodenal homeobox 1; mutant strain|congenic strain: Tg(Pdx1-cre)6Tuv||Pdx1

Affected Gene: transgene insertion 6; David A Tuveson||pancreatic and duodenal homeobox 1

Genomic Alteration: transgene insertion 6; David A Tuveson

Catalog Number: JAX:014647

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.FVB-Tg(Pdx1-cre)6Tuv/J

Record Creation Time: 20250513T053728+0000

Record Last Update: 20260808T050932+0000

Ratings and Alerts

No rating or validation information has been found for B6.FVB-Tg(Pdx1-cre)6Tuv/J.

No alerts have been found for B6.FVB-Tg(Pdx1-cre)6Tuv/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 58 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Kobayashi H, et al. (2026) Netrin-1 Promotes Pancreatic Tumorigenesis and Innervation through NEO1. Cancer research, 86(8), 1883.

Lan L, et al. (2026) A Jagged1-regulated hybrid-EMT state identifies pancreatic cancer stem cells. Cell reports, 45(2), 116909.

Garczyk M, et al. (2026) Targeting PI3K γ suppresses pancreatic cancer by dual disruption of fibrosis and immune evasion. Cell reports, 45(4), 117188.

Zhuo M, et al. (2026) A conserved re-epithelialization program underlies malignancy in pancreatic ductal adenocarcinoma. Cancer cell, 44(6), 1270.

Jiang X, et al. (2026) USP20-Driven Cholesterol Metabolism Links Inflammatory Signaling to Malignancy and Stromal Coevolution in Pancreatic Cancer. Cancer research, 86(3), 712.

Zhang S, et al. (2026) A peritumoral microenvironment engaged by Reg-EXTL3 axis fosters nerve-cancer interactions in pancreatic ductal adenocarcinoma. Neuron.

Unger L, et al. (2026) Defective HNF1A hinders GLI3 processing favoring duodenal versus pancreatic fate, thus leading to intestinal elongation in vivo. Genes & development, 40(11-12), 805.

Yang Z, et al. (2026) BAF60C links nucleolar stress to β cell dysfunction in type 2 diabetes through controlling Reg3b mRNA decay. Developmental cell, 61(5), 976.

Ma Y, et al. (2026) UBE2T-Driven p53 Degradation Rewires Glycolysis to Orchestrate Lactylation-Mediated CAFs Activation and ECM Deposition in Pancreatic Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(22), e14933.

Nigri J, et al. (2026) Myofibroblasts Induce Neuroplasticity to Promote Pancreatic Inflammation and Cancer Progression. Cancer discovery, 16(5), 1014.

Lilly AC, et al. (2026) Role of SCAP in regulation of pancreatic homeostasis, pancreatitis, and tumorigenesis. *Oncogene*, 45(21), 1999.

Kirschstein E, et al. (2026) Myofibroblast programming blocks differentiation of TLS-organizing fibroblastic reticular cells in pancreatic cancer. *Cancer cell*, 44(5), 1080.

Ruiz CF, et al. (2026) Diet-induced phospholipid remodeling dictates ferroptosis sensitivity and tumorigenesis in the pancreas. *Cancer discovery*.

Jeong H, et al. (2025) ULK1 knockout suppresses pancreatic cancer progression by inhibiting autophagy and enhancing antitumor immunity. *Experimental & molecular medicine*, 57(12), 2816.

Mehra S, et al. (2025) Targeting CREB remodels the immune microenvironment to enhance immunotherapy responses in pancreatic cancer. *bioRxiv : the preprint server for biology*.

Jiang X, et al. (2025) KRASG12D-driven pentose phosphate pathway remodeling imparts a targetable vulnerability synergizing with MRTX1133 for durable remissions in PDAC. *Cell reports. Medicine*, 6(2), 101966.

Tonelli C, et al. (2025) FGFR2 Abrogation Intercepts Pancreatic Ductal Adenocarcinoma Development. *Cancer research*, 85(11), 1960.

Bernardo E, et al. (2025) HNF1A and A1CF coordinate a beta cell transcription-splicing axis that is disrupted in type 2 diabetes. *Cell metabolism*, 37(9), 1870.

Li X, et al. (2025) Plakophilin 3 drives acinar cell transformation and promotes cancer initiation and progression in pancreas. *Cell reports*, 44(11), 116487.

Broderick C, et al. (2025) A RAS(ON) Multi-Selective Inhibitor Combination Therapy Triggers Long-term Tumor Control through Senescence-Associated Tumor-Immune Equilibrium in Pancreatic Ductal Adenocarcinoma. *Cancer discovery*, 15(8), 1717.