Resource Summary Report

Generated by RRID on Jul 30, 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(Ipf1-cre)6Tuv/J

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

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

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: 20260725T044437+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 44 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

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.

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

Valenti G, et al. (2025) Regulatory network analysis of Dclk1 gene expression reveals a tuft cell-ILC2 axis that inhibits pancreatic tumor progression. Cell reports, 44(6), 115734.

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.

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.

Lu P, et al. (2024) Spatiotemporal role of SETD2-H3K36me3 in murine pancreatic organogenesis. Cell reports, 43(2), 113703.

Pollin G, et al. (2024) Ehmt2 inactivation in pancreatic epithelial cells shapes the transcriptional landscape and inflammation response of the whole pancreas. Frontiers in genetics, 15, 1412767.

Mahadevan KK, et al. (2024) Type I conventional dendritic cells facilitate immunotherapy in pancreatic cancer. Science (New York, N.Y.), 384(6703), eadh4567.

Ishida CT, et al. (2024) SREBP-Dependent Regulation of Lipid Homeostasis Is Required for Progression and Growth of Pancreatic Ductal Adenocarcinoma. Cancer research communications, 4(9), 2539.

Adem B, et al. (2024) Exosomes define a local and systemic communication network in healthy pancreas and pancreatic ductal adenocarcinoma. Nature communications, 15(1), 1496.

Pollin G, et al. (2024) EHMT2 Inactivation in Pancreatic Epithelial Cells Shapes the Transcriptional Landscape and Inflammation Response of the Whole Pancreas. bioRxiv : the preprint server for biology.

Chen Y, et al. (2024) Cancer-Associated Endocrine Cells Participate in Pancreatic Carcinogenesis. Gastroenterology, 167(6), 1167.

Fadzeyeva E, et al. (2023) Pancreas-derived DPP4 is not essential for glucose homeostasis under metabolic stress. iScience, 26(5), 106748.

Walcheck MT, et al. (2023) Aryl hydrocarbon receptor knockout accelerates PanIN formation and fibro-inflammation in a mutant Kras -driven pancreatic cancer model. bioRxiv : the preprint server for biology.

Gaspar TB, et al. (2023) Generation of an Obese Diabetic Mouse Model upon Conditional Atrx Disruption. Cancers, 15(11).

Umapathysivam MM, et al. (2023) Type 2 Diabetes risk alleles in Peptidyl-glycine Alpha-amidating Monooxygenase influence GLP-1 levels and response to GLP-1 Receptor Agonists. medRxiv : the preprint server for health sciences.

Zhao T, et al. (2023) Nuclear GRP78 Promotes Metabolic Reprogramming and Therapeutic Resistance in Pancreatic Ductal Adenocarcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(24), 5183.

Bastos N, et al. (2023) SMC3 epigenetic silencing regulates Rab27a expression and drives pancreatic cancer progression. Journal of translational medicine, 21(1), 578.