Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 18, 2025

B6.FVB-Tg(Ipf1-cre)1Tuv/Nci

RRID:IMSR_NCIMR:01XL5
Type: Organism

Proper Citation

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Organism Information

URL: https://frederick.cancer.gov/science/technology/mouserepository/MouseModels/StrainDetails.aspx?Stra

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Description: Mus musculus with name B6.FVB-Tg(Ipf1-cre)1Tuv/Nci from IMSR.

Species: Mus musculus

Synonyms: B6.FVB-Tg(Pdx1-cre)6Tuv/Nci

Notes: gene symbol note: transgene insertion 6; David A Tuveson; congenic strain: Tg(Pdx1-cre)6Tuv

Affected Gene: transgene insertion 6; David A Tuveson

Genomic Alteration: transgene insertion 6; David A Tuveson

Catalog Number: NCIMR:01XL5

Database: International Mouse Resource Center IMSR, NCIMR

Database Abbreviation: IMSR

Availability: embryo

Alternate IDs: IMSR_NCIMR:1XL5

Organism Name: B6.FVB-Tg(Ipf1-cre)1Tuv/Nci

Record Creation Time: 20230509T195604+0000

Record Last Update: 20250412T111430+0000

Ratings and Alerts

No rating or validation information has been found for B6.FVB-Tg(Ipf1-cre)1Tuv/Nci.

No alerts have been found for B6.FVB-Tg(Ipf1-cre)1Tuv/Nci.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, NCIMR

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kuo TL, et al. (2023) ARID1A loss in pancreas leads to islet developmental defect and metabolic disturbance. iScience, 26(1), 105881.

Lacombe J, et al. (2023) Vitamin K-dependent carboxylation regulates Ca2+ flux and adaptation to metabolic stress in ? cells. Cell reports, 42(5), 112500.

Naumann H, et al. (2018) The RhoGAP Stard13 controls insulin secretion through F-actin remodeling. Molecular metabolism, 8, 96.

Ceasrine AM, et al. (2018) Adrb2 controls glucose homeostasis by developmental regulation of pancreatic islet vasculature. eLife, 7.

Mello SS, et al. (2017) A p53 Super-tumor Suppressor Reveals a Tumor Suppressive p53-Ptpn14-Yap Axis in Pancreatic Cancer. Cancer cell, 32(4), 460.

Hong X, et al. (2016) Challenges in detecting pre-malignant pancreatic lesions during acute pancreatitis using a serum microRNA assay: a study based on KrasG12D transgenic mice. Oncotarget, 7(16), 22700.

Dey P, et al. (2014) PD2/Paf1 depletion in pancreatic acinar cells promotes acinar-to-ductal metaplasia. Oncotarget, 5(12), 4480.

Rachagani S, et al. (2012) Mucin (Muc) expression during pancreatic cancer progression in spontaneous mouse model: potential implications for diagnosis and therapy. Journal of hematology & oncology, 5, 68.