Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 14, 2025

FVB/N-Tg(EIIa-cre)C5379Lmgd/J

RRID:IMSR_JAX:003314
Type: Organism

Proper Citation

RRID:IMSR_JAX:003314

Organism Information

URL: https://www.jax.org/strain/003314

Proper Citation: RRID:IMSR_JAX:003314

Description: Mus musculus with name FVB/N-Tg(EIIa-cre)C5379Lmgd/J from IMSR.

Species: Mus musculus

Synonyms: FVB/N-TgN(EIIa-Cre)C5379Lmgd

Notes: gene symbol note: transgene insertion C5379; Laboratory of Mammalian Genes and Development; Heiner Westphal||adenovirus; mutant strain: Tg(EIIa-cre)C5379Lmgd||Ella

Affected Gene: transgene insertion C5379; Laboratory of Mammalian Genes and Development; Heiner Westphal||adenovirus

Genomic Alteration: transgene insertion C5379; Laboratory of Mammalian Genes and Development; Heiner Westphal

Catalog Number: JAX:003314

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB/N-Tg(EIIa-cre)C5379Lmgd/J

Record Creation Time: 20250513T053638+0000

Record Last Update: 20250513T053754+0000

Ratings and Alerts

No rating or validation information has been found for FVB/N-Tg(EIIa-cre)C5379Lmgd/J.

No alerts have been found for FVB/N-Tg(EIIa-cre)C5379Lmgd/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Folgado-Marco V, et al. (2023) Haploinsufficiency of the essential gene Rps12 causes defects in erythropoiesis and hematopoietic stem cell maintenance. eLife, 12.

Herranz-Pérez V, et al. (2022) Ependymoma associated protein Zfta is expressed in immature ependymal cells but is not essential for ependymal development in mice. Scientific reports, 12(1), 1493.

Sun-Wada GH, et al. (2021) Vacuolar-type proton ATPase is required for maintenance of apicobasal polarity of embryonic visceral endoderm. Scientific reports, 11(1), 19355.

Zhou Y, et al. (2020) miR-18a increases insulin sensitivity by inhibiting PTEN. Aging, 13(1), 1357.

Prescott SL, et al. (2020) An Airway Protection Program Revealed by Sweeping Genetic Control of Vagal Afferents. Cell, 181(3), 574.

Chen Y, et al. (2020) Wdr47 Controls Neuronal Polarization through the Camsap Family Microtubule Minus-End-Binding Proteins. Cell reports, 31(3), 107526.

Brooks ER, et al. (2020) Sonic hedgehog signaling directs patterned cell remodeling during cranial neural tube closure. eLife, 9.

Hwang JH, et al. (2019) TAZ couples Hippo/Wnt signalling and insulin sensitivity through Irs1 expression. Nature communications, 10(1), 421.

Ma J, et al. (2019) Inhibition of Nuclear PTEN Tyrosine Phosphorylation Enhances Glioma

Radiation Sensitivity through Attenuated DNA Repair. Cancer cell, 35(3), 504.

Snedeker J, et al. (2017) Unique spatiotemporal requirements for intraflagellar transport genes during forebrain development. PloS one, 12(3), e0173258.

Lin X, et al. (2016) MiR-155 Enhances Insulin Sensitivity by Coordinated Regulation of Multiple Genes in Mice. PLoS genetics, 12(10), e1006308.

Lin X, et al. (2016) Ectopic expression of Cripto-1 in transgenic mouse embryos causes hemorrhages, fatal cardiac defects and embryonic lethality. Scientific reports, 6, 34501.

Lin X, et al. (2015) Simple and rapid determination of homozygous transgenic mice via in vivo fluorescence imaging. Oncotarget, 6(36), 39073.

Ren K, et al. (2014) KCTD10 is involved in the cardiovascular system and Notch signaling during early embryonic development. PloS one, 9(11), e112275.

Cheng CY, et al. (2013) Detection and organ-specific ablation of neuroendocrine cells by synaptophysin locus-based BAC cassette in transgenic mice. PloS one, 8(4), e60905.

Lu H, et al. (2011) Essential roles of BCCIP in mouse embryonic development and structural stability of chromosomes. PLoS genetics, 7(9), e1002291.

Ishizuka H, et al. (2011) ADAM8 enhances osteoclast precursor fusion and osteoclast formation in vitro and in vivo. Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research, 26(1), 169.

Taranda J, et al. (2009) A point mutation in the hair cell nicotinic cholinergic receptor prolongs cochlear inhibition and enhances noise protection. PLoS biology, 7(1), e18.