Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

B6.FVB-Tg(EIIa-cre)C5379Lmgd/J

RRID:IMSR_JAX:003724
Type: Organism

Proper Citation

RRID:IMSR_JAX:003724

Organism Information

URL: https://www.jax.org/strain/003724

Proper Citation: RRID:IMSR_JAX:003724

Description: Mus musculus with name B6.FVB-Tg(EIIa-cre)C5379Lmgd/J from IMSR.

Species: Mus musculus

Synonyms: B6.FVB-TgN(EIIa-Cre)C5379Lmgd

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

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

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

Catalog Number: JAX:003724

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:3724

Organism Name: B6.FVB-Tg(EIIa-cre)C5379Lmgd/J

Record Creation Time: 20230509T193242+0000

Record Last Update: 20240104T174802+0000

Ratings and Alerts

No rating or validation information has been found for B6.FVB-Tg(EIIa-cre)C5379Lmgd/J.

No alerts have been found for B6.FVB-Tg(EIIa-cre)C5379Lmgd/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 114 mentions in open access literature.

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

Qin Y, et al. (2025) Reduced mesencephalic astrocyte-derived neurotrophic factor expression by mutant androgen receptor contributes to neurodegeneration in a model of spinal and bulbar muscular atrophy pathology. Neural regeneration research, 20(9), 2655.

Zhang P, et al. (2024) X chromosome dosage drives statin-induced dysglycemia and mitochondrial dysfunction. Nature communications, 15(1), 5571.

Cao X, et al. (2024) Entry of ZSWIM4 to the nucleus is crucial for its inhibition of KIT and BMAL1 in gastrointestinal stromal tumors. Cell & bioscience, 14(1), 87.

He J, et al. (2024) Hspb1 protects against severe acute pancreatitis by attenuating apoptosis and ferroptosis via interacting with Anxa2 to restore the antioxidative activity of Prdx1. International journal of biological sciences, 20(5), 1707.

Berger JH, et al. (2024) Sodium-glucose co-transporter 2 Inhibitors Act Independently of SGLT2 to Confer Benefit for Heart Failure with Reduced Ejection Fraction in Mice. bioRxiv : the preprint server for biology.

Mohrmann L, et al. (2024) Distinct Alterations in Dendritic Spine Morphology in the Absence of ?-Neurexins. International journal of molecular sciences, 25(2).

Zhou Z, et al. (2024) Type 2 cytokine signaling in macrophages protects from cellular senescence and organismal aging. Immunity, 57(3), 513.

Milenkovic I, et al. (2023) Dynamic interplay between RPL3- and RPL3L-containing ribosomes modulates mitochondrial activity in the mammalian heart. Nucleic acids research, 51(11), 5301.

Kaur G, et al. (2023) Vascular cell-adhesion molecule 1 (VCAM-1) regulates JunB-mediated IL-8/CXCL1 expression and pathological neovascularization. Communications biology, 6(1), 516.

Sharma D, et al. (2023) IL-33 via PKC?/PRKD1 Mediated ?-Catenin Phosphorylation Regulates Endothelial Cell-Barrier Integrity and Ischemia-Induced Vascular Leakage. Cells, 12(5).

Zengel J, et al. (2023) Hardwiring tissue-specific AAV transduction in mice through engineered receptor expression. Nature methods, 20(7), 1070.

Edwards BS, et al. (2023) Abnormal enteric nervous system and motor activity in the ganglionic proximal bowel of Hirschsprung's disease. bioRxiv : the preprint server for biology.

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

Tsitsikov EN, et al. (2023) TRAF7 is an essential regulator of blood vessel integrity during mouse embryonic and neonatal development. iScience, 26(8), 107474.

Shih YT, et al. (2023) An inhibitory circuit-based enhancer of DYRK1A function reverses Dyrk1a-associated impairment in social recognition. Neuron, 111(19), 3084.

Sarkaria SM, et al. (2023) Systematic dissection of coordinated stromal remodeling identifies Sox10+ glial cells as a therapeutic target in myelofibrosis. Cell stem cell, 30(6), 832.

Zeng H, et al. (2023) TMEM132A regulates mouse hindgut morphogenesis and caudal development. Development (Cambridge, England), 150(14).

Tovy A, et al. (2022) Constitutive loss of DNMT3A causes morbid obesity through misregulation of adipogenesis. eLife, 11.

Nakagawa Y, et al. (2022) A Phenotypic Analysis of Involucrin-Membrane-Bound Ovalbumin Mice after Adoptive Transfer of Ovalbumin-Specific CD8+ T Cells. JID innovations : skin science from molecules to population health, 2(5), 100127.

Sharma D, et al. (2022) IL-33 enhances Jagged1 mediated NOTCH1 intracellular domain (NICD) deubiquitination and pathological angiogenesis in proliferative retinopathy. Communications biology, 5(1), 479.