

Resource Summary Report

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

B6.FVB-Tg(Ella-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(Ella-cre)C5379Lmgd/J from IMSR.

Species: Mus musculus

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

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

Affected Gene: 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: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

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

Record Creation Time: 20250513T053641+0000

Record Last Update: 20260808T050842+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 129 mentions in open access literature.

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

Peng J, et al. (2026) Targeting G i/o -coupled GPCRs to inhibit nociceptors: insights from the serotonin receptor Htr1b and triptans. bioRxiv : the preprint server for biology.

Wang Y, et al. (2025) An animal model of NLRC4-associated autoinflammation and infantile enterocolitis reveals novel therapeutic strategies. Cellular & molecular immunology, 22(12), 1567.

Ruan E, et al. (2025) Mutant THAP11 causes cerebellar neurodegeneration and triggers TREM2-mediated microglial activation in mice. The Journal of clinical investigation, 135(14).

Thorvaldsen JL, et al. (2025) Igf2 adult-specific skeletal muscle enhancer activity revealed in mice with intergenic CTCF boundary deletion. PLoS genetics, 21(8), e1011834.

Thompson AD, et al. (2025) 5-Hydroxytryptamine 1F receptor loss reduces renal vasculature and prevents lasmiditan-induced recovery following moderate-severe acute kidney injury in mice. American journal of physiology. Renal physiology, 329(6), F834.

Hu K, et al. (2025) Development and Application of MiMouse, a Comprehensive Genomic Profiling Panel for Credentialing Mouse Tumor Models. Cancer research communications, 5(10), 1910.

Magaña I, et al. (2025) A Novel Cell-Type Specific Circadian Reporter Mouse Reveals Self-Sustained Food Entrainable Nature in Enteric Neurons. bioRxiv : the preprint server for biology.

Chakraborty S, et al. (2025) Deletion of a single CTCF motif at the boundary of a chromatin domain with three FGF genes disrupts gene expression and embryonic development. Developmental cell, 60(13), 1838.

Fregoso SP, et al. (2025) Loss of miR-9-2 Causes Cerebral Hemorrhage and Hydrocephalus by Widespread Disruption of Cell-Type-Specific Neurodevelopmental Gene Networks. bioRxiv : the preprint server for biology.

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.

Aoto M, et al. (2025) The splicing factor Acin1 is essential for embryonic development but has limited effects on muscle structure and homeostasis. *Scientific reports*, 15(1), 14017.

Datar GK, et al. (2025) Disparate leukemia mutations converge on nuclear phase-separated condensates. *Cell*, 188(25), 7118.

Saleiro D, et al. (2025) Loss of Function Mouse Models Reveal a Novel Regulatory Function for ULK1 in Myeloproliferative Neoplasms. *Molecular and cellular biology*, 45(9), 395.

Das P, et al. (2025) The interplay between FOXO1 and glucocorticoid signaling in promoting the terminal differentiation of somatotropes. *Molecular and cellular endocrinology*, 606, 112573.

Kaur G, et al. (2025) NADPH oxidase 1-PKC α -dependent ZO-1 phosphorylation mediates IL-33-induced inner blood-retinal barrier disruption in proliferative retinopathies. *American journal of physiology. Cell physiology*, 329(5), C1577.

Hastings RL, et al. (2025) Loss of COL20A1 in Schwann Cells Alters Regeneration of the Neuromuscular Junction and Locomotor Activity in Mice. *Journal of molecular neuroscience : MN*, 75(3), 113.

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.

Lim EW, et al. (2024) Serine and glycine physiology reversibly modulate retinal and peripheral nerve function. *Cell metabolism*, 36(10), 2315.