Resource Summary Report

Generated by T1D on Sep 20, 2026

FVB(Cg)-Tg(Dhh-cre)1Mejr/J

RRID:IMSR_JAX:012929
Type: Organism

Proper Citation

RRID:IMSR_JAX:012929

Organism Information

URL: https://www.jax.org/strain/012929

Proper Citation: RRID:IMSR_JAX:012929

Description: Mus musculus with name FVB(Cg)-Tg(Dhh-cre)1Mejr/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 1; Dies Meijer|desert hedgehog; mutant strain|congenic strain: |Tg(Dhh-cre)1Mejr|Dhh

Affected Gene: |transgene insertion 1; Dies Meijer|desert hedgehog

Genomic Alteration: transgene insertion 1; Dies Meijer

Catalog Number: JAX:012929

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB(Cg)-Tg(Dhh-cre)1Mejr/J

Record Creation Time: 20250513T053723+0000

Record Last Update: 20260919T054911+0000

Ratings and Alerts

No rating or validation information has been found for FVB(Cg)-Tg(Dhh-cre)1Mejr/J.

No alerts have been found for FVB(Cg)-Tg(Dhh-cre)1Mejr/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Zhu H, et al. (2025) EZH2-dependent myelination following sciatic nerve injury. Neural regeneration research, 20(8), 2382.

Santiago C, et al. (2025) Activity-dependent development of the body's touch receptors. Neuron, 113(11), 1758.

Kantarci H, et al. (2024) Schwann cell-secreted PGE2 promotes sensory neuron excitability during development. Cell, 187(17), 4690.

Bekku Y, et al. (2024) Glia trigger endocytic clearance of axonal proteins to promote rodent myelination. Developmental cell.

Patel AA, et al. (2024) TFEB/3 Govern Repair Schwann Cell Generation and Function Following Peripheral Nerve Injury. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(35).

Meltzer S, et al. (2023) ??-Protocadherins control synapse formation and peripheral branching of touch sensory neurons. Neuron, 111(11), 1776.

Handler A, et al. (2023) Three-dimensional reconstructions of mechanosensory end organs suggest a unifying mechanism underlying dynamic, light touch. Neuron, 111(20), 3211.

Sundaram VK, et al. (2023) Adipo-glial signaling mediates metabolic adaptation in peripheral nerve regeneration. Cell metabolism, 35(12), 2136.

Daboussi L, et al. (2023) Mitf is a Schwann cell sensor of axonal integrity that drives nerve repair. Cell reports, 42(11), 113282.

Follis RM, et al. (2021) Metabolic Control of Sensory Neuron Survival by the p75 Neurotrophin Receptor in Schwann Cells. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(42), 8710.

Uesaka T, et al. (2021) Enhanced enteric neurogenesis by Schwann cell precursors in mouse models of Hirschsprung disease. Glia, 69(11), 2575.

Heinrich A, et al. (2021) Cdc42 activity in Sertoli cells is essential for maintenance of spermatogenesis. Cell reports, 37(4), 109885.

Jia L, et al. (2021) Rheb-regulated mitochondrial pyruvate metabolism of Schwann cells linked to axon stability. Developmental cell, 56(21), 2980.

Heinrich A, et al. (2020) Distinct Roles for Rac1 in Sertoli Cell Function during Testicular Development and Spermatogenesis. Cell reports, 31(2), 107513.

Wu LMN, et al. (2018) Programming of Schwann Cells by Lats1/2-TAZ/YAP Signaling Drives Malignant Peripheral Nerve Sheath Tumorigenesis. Cancer cell, 33(2), 292.

Figlia G, et al. (2017) Dual function of the PI3K-Akt-mTORC1 axis in myelination of the peripheral nervous system. eLife, 6.

Li K, et al. (2016) Mice with missense and nonsense NF1 mutations display divergent phenotypes compared with human neurofibromatosis type I. Disease models & mechanisms, 9(7), 759.