

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 17, 2025

B6;FVB-Ifi208^{Tg(Cspg4-cre)}1Akik/J

RRID:IMSR_JAX:008533

Type: Organism

Proper Citation

RRID:IMSR_JAX:008533

Organism Information

URL: <https://www.jax.org/strain/008533>

Proper Citation: RRID:IMSR_JAX:008533

Description: Mus musculus with name B6;FVB-Ifi208^{Tg(Cspg4-cre)}1Akik/J from IMSR.

Species: Mus musculus

Synonyms: B6;FVB-Tg(Cspg4-cre)1Akik/J

Notes: gene symbol note: interferon activated gene 208||chondroitin sulfate proteoglycan 4;
mutant stock: Ifi208||Cspg4

Affected Gene: interferon activated gene 208||chondroitin sulfate proteoglycan 4

Genomic Alteration: transgene insertion 1; Akiko Nishiyama

Catalog Number: JAX:008533

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;FVB-Ifi208^{Tg(Cspg4-cre)}1Akik/J

Record Creation Time: 20250513T053709+0000

Record Last Update: 20250517T092618+0000

Ratings and Alerts

No rating or validation information has been found for B6;FVB-Ifi208^{Tg(Cspg4-cre)}1Akik/J.

No alerts have been found for B6;FVB-Ifi208^{Tg(Cspg4-cre)}1Akik/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. Nature communications, 15(1), 10865.

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. bioRxiv : the preprint server for biology.

Li L, et al. (2023) Nuclear import carrier Hikeshi cooperates with HSP70 to promote murine oligodendrocyte differentiation and CNS myelination. Developmental cell, 58(21), 2275.

Tong L, et al. (2023) Single cell in vivo optogenetic stimulation by two-photon excitation fluorescence transfer. iScience, 26(10), 107857.

Kara N, et al. (2023) Endothelial and Leptin Receptor+ cells promote the maintenance of stem cells and hematopoiesis in early postnatal murine bone marrow. Developmental cell, 58(5), 348.

Fertuzinhos S, et al. (2022) A dominant tubulin mutation causes cerebellar neurodegeneration in a genetic model of tubulinopathy. Science advances, 8(7), eabf7262.

Morrison VE, et al. (2020) Retinoic Acid Is Required for Oligodendrocyte Precursor Cell Production and Differentiation in the Postnatal Mouse Corpus Callosum. eNeuro, 7(1).

Kovacs-Oller T, et al. (2020) The pericyte connectome: spatial precision of neurovascular coupling is driven by selective connectivity maps of pericytes and endothelial cells and is disrupted in diabetes. Cell discovery, 6, 39.

Mateus Gonçalves L, et al. (2020) Islet pericytes convert into profibrotic myofibroblasts in a mouse model of islet vascular fibrosis. Diabetologia, 63(8), 1564.

Ghosh A, et al. (2020) In Vivo Cell Fate Tracing Provides No Evidence for Mesenchymal to Epithelial Transition in Adult Fallopian Tube and Uterus. *Cell reports*, 31(6), 107631.

Liu Z, et al. (2019) Nucleoporin Seh1 Interacts with Olig2/Brd7 to Promote Oligodendrocyte Differentiation and Myelination. *Neuron*, 102(3), 587.

Zuo H, et al. (2018) Age-Dependent Decline in Fate Switch from NG2 Cells to Astrocytes After Olig2 Deletion. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(9), 2359.

Boulais PE, et al. (2018) The Majority of CD45- Ter119- CD31- Bone Marrow Cell Fraction Is of Hematopoietic Origin and Contains Erythroid and Lymphoid Progenitors. *Immunity*, 49(4), 627.

Palazuelos J, et al. (2014) TGF β signaling regulates the timing of CNS myelination by modulating oligodendrocyte progenitor cell cycle exit through SMAD3/4/FoxO1/Sp1. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(23), 7917.

Palazuelos J, et al. (2014) TACE/ADAM17 is essential for oligodendrocyte development and CNS myelination. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(36), 11884.