

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

B6.Cg-Tg(Atoh1-cre)1Bfri/J

RRID:IMSR_JAX:011104

Type: Organism

Proper Citation

RRID:IMSR_JAX:011104

Organism Information

URL: <https://www.jax.org/strain/011104>

Proper Citation: RRID:IMSR_JAX:011104

Description: Mus musculus with name B6.Cg-Tg(Atoh1-cre)1Bfri/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Tg(Atoh1-cre)1Bfri/J

Notes: gene symbol note: |transgene insertion 1; Bernd Fritzschi|atonal bHLH transcription factor 1; mutant strain|congenic strain: |Tg(Atoh1-cre)1Bfri|Atoh1

Affected Gene: |transgene insertion 1; Bernd Fritzschi|atonal bHLH transcription factor 1

Genomic Alteration: transgene insertion 1; Bernd Fritzschi

Catalog Number: JAX:011104

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(Atoh1-cre)1Bfri/J

Record Creation Time: 20250513T053719+0000

Record Last Update: 20260725T044429+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Atoh1-cre)1Bfri/J.

No alerts have been found for B6.Cg-Tg(Atoh1-cre)1Bfri/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Dhar SS, et al. (2025) Heterozygous Kmt2d loss diminishes enhancers to render medulloblastoma cells vulnerable to combinatory inhibition of LSD1 and OXPHOS. Cell reports, 44(5), 115619.

Kim H, et al. (2025) Optimized methyl green-pyronin Y staining for layer visualization in frozen mouse cerebellum. Journal of neuroscience methods, 423, 110540.

Chen L, et al. (2025) Hierarchical regulation of cerebellar neurogenesis by Sin3A-mediated gene repression. bioRxiv : the preprint server for biology.

Fan JJ, et al. (2025) A forward genetic screen identifies potassium channel essentiality in SHH medulloblastoma maintenance. Developmental cell, 60(11), 1532.

Parvathy S, et al. (2024) TLX3 regulates CGN progenitor proliferation during cerebellum development and its dysfunction can lead to autism. iScience, 27(12), 111260.

Garcia-Garcia MG, et al. (2024) A cerebellar granule cell-climbing fiber computation to learn to track long time intervals. Neuron, 112(16), 2749.

Yang Y, et al. (2024) Thyroid hormone suppresses medulloblastoma progression through promoting terminal differentiation of tumor cells. Cancer cell, 42(8), 1434.

Hwang GH, et al. (2024) A Benzarone Derivative Inhibits EYA to Suppress Tumor Growth in SHH Medulloblastoma. Cancer research, 84(6), 872.

Zanin JP, et al. (2023) Excess cerebellar granule neurons induced by the absence of p75NTR during development elicit social behavior deficits in mice. Frontiers in molecular neuroscience, 16, 1147597.

Ramesh V, et al. (2023) Bidirectional regulation of postmitotic H3K27me3 distributions underlie cerebellar granule neuron maturation dynamics. eLife, 12.

Jun S, et al. (2023) Organization of Purkinje cell development by neuronal MEGF11 in cerebellar granule cells. Cell reports, 42(9), 113137.

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

eabf7262.

Lin X, et al. (2022) IL-17RA-signaling in Lgr5+ intestinal stem cells induces expression of transcription factor ATOH1 to promote secretory cell lineage commitment. *Immunity*, 55(2), 237.

Zanin JP, et al. (2022) p75NTR prevents the onset of cerebellar granule cell migration via RhoA activation. *eLife*, 11.

Ferguson CJ, et al. (2022) APC7 mediates ubiquitin signaling in constitutive heterochromatin in the developing mammalian brain. *Molecular cell*, 82(1), 90.

Terrey M, et al. (2021) Defects in translation-dependent quality control pathways lead to convergent molecular and neurodevelopmental pathology. *eLife*, 10.

Kawamura A, et al. (2021) The autism-associated protein CHD8 is required for cerebellar development and motor function. *Cell reports*, 35(1), 108932.

McGrath J, et al. (2021) Actin at stereocilia tips is regulated by mechanotransduction and ADF/cofilin. *Current biology : CB*, 31(6), 1141.

Achilly NP, et al. (2021) Deleting Mecp2 from the cerebellum rather than its neuronal subtypes causes a delay in motor learning in mice. *eLife*, 10.

Terry TT, et al. (2020) Mosaic Analysis with Double Markers reveals IGF1R function in granule cell progenitors during cerebellar development. *Developmental biology*, 465(2), 130.