

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

STOCK Tg(Atoh1-cre/Esr1*)14Fsh/J

RRID:IMSR_JAX:007684

Type: Organism

Proper Citation

RRID:IMSR_JAX:007684

Organism Information

URL: <https://www.jax.org/strain/007684>

Proper Citation: RRID:IMSR_JAX:007684

Description: Mus musculus with name STOCK Tg(Atoh1-cre/Esr1*)14Fsh/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Tg(Atoh1-cre/ESR1)14Fsh/J

Notes: gene symbol note: transgene insertion 14; Gordon Fishell|Cre recombinase and estrogen receptor 1 fusion gene|atonal bHLH transcription factor 1; mutant stock: Tg(Atoh1-cre/Esr1*)14Fsh|cre/Esr1|Atoh1

Affected Gene: transgene insertion 14; Gordon Fishell|Cre recombinase and estrogen receptor 1 fusion gene|atonal bHLH transcription factor 1

Genomic Alteration: transgene insertion 14; Gordon Fishell

Catalog Number: JAX:007684

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Atoh1-cre/Esr1*)14Fsh/J

Record Creation Time: 20250513T053703+0000

Record Last Update: 20260808T050908+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Atoh1-cre/Esr1*)14Fsh/J.

No alerts have been found for STOCK Tg(Atoh1-cre/Esr1*)14Fsh/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Kr??ger C, et al. (2025) Epidermal growth factor receptor specific immunotherapy for SHH medulloblastoma tested in an in vitro blood-brain barrier-model. Cancer treatment and research communications, 44, 100950.

Casoni F, et al. (2024) A spatial-temporal map of glutamatergic neurogenesis in the murine embryonic cerebellar nuclei uncovers a high degree of cellular heterogeneity. Journal of anatomy, 245(4), 560.

Cadilhac C, et al. (2021) Excitatory granule neuron precursors orchestrate laminar localization and differentiation of cerebellar inhibitory interneuron subtypes. Cell reports, 34(13), 108904.

Yao M, et al. (2020) Astrocytic trans-Differentiation Completes a Multicellular Paracrine Feedback Loop Required for Medulloblastoma Tumor Growth. Cell, 180(3), 502.

Merk DJ, et al. (2018) Opposing Effects of CREBBP Mutations Govern the Phenotype of Rubinstein-Taybi Syndrome and Adult SHH Medulloblastoma. Developmental cell, 44(6), 709.

Cox BC, et al. (2012) Conditional gene expression in the mouse inner ear using Cre-loxP. Journal of the Association for Research in Otolaryngology : JARO, 13(3), 295.