

Resource Summary Report

Generated by [ASWG](#) on Aug 12, 2026

STOCK Atoh1^{tm8.1(flpo)Hzo/J}

RRID:IMSR_JAX:036541

Type: Organism

Proper Citation

RRID:IMSR_JAX:036541

Organism Information

URL: <https://www.jax.org/strain/036541>

Proper Citation: RRID:IMSR_JAX:036541

Description: Mus musculus with name STOCK Atoh1^{tm8.1(flpo)Hzo/J} from IMSR.

Species: Mus musculus

Synonyms: B6(Cg)-Atoh1/J

Notes: gene symbol note: atonal bHLH transcription factor 1; mutant stock: Atoh1

Affected Gene: atonal bHLH transcription factor 1

Genomic Alteration: targeted mutation 8.1; Huda Y Zoghbi

Catalog Number: JAX:036541

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Atoh1^{tm8.1(flpo)Hzo/J}

Record Creation Time: 20250513T053854+0000

Record Last Update: 20260808T051049+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Atoh1^{tm8.1(flpo)Hzo/J}.

No alerts have been found for STOCK Atoh1^{tm8.1(flpo)Hzo/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Butts JC, et al. (2024) A single-cell transcriptomic map of the developing Atoh1 lineage identifies neural fate decisions and neuronal diversity in the hindbrain. Developmental cell, 59(16), 2171.

van der Heijden ME, et al. (2023) Glutamatergic cerebellar neurons differentially contribute to the acquisition of motor and social behaviors. Nature communications, 14(1), 2771.