

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

[Atoh1^{tm1\(cre\)Gan}/Atoh1^{tm1\(cre\)Gan}](#)

RRID:MGI:4844110

Type: Organism

Proper Citation

RRID:MGI:4844110

Organism Information

URL:

Proper Citation: RRID:MGI:4844110

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: neonatal lethality, complete penetrance

Affected Gene: Atoh1

Genomic Alteration: tm1(cre)Gan

Catalog Number: 4844110

Background: involves: 129S6/SvEvTac * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20533400](#)

Organism Name: Atoh1^{tm1(cre)Gan}/Atoh1^{tm1(cre)Gan}

Record Creation Time: 20240120T190238+0000

Record Last Update: 20240130T201810+0000

Ratings and Alerts

No rating or validation information has been found for Atoh1^{tm1(cre)Gan}/Atoh1^{tm1(cre)Gan}.

No alerts have been found for Atoh1^{tm1(cre)Gan}/Atoh1^{tm1(cre)Gan}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

van der Heijden ME, et al. (2018) Loss of Atoh1 from neurons regulating hypoxic and hypercapnic chemoresponses causes neonatal respiratory failure in mice. eLife, 7.

Yeh SY, et al. (2017) Respiratory Network Stability and Modulatory Response to Substance P Require Nalcn. Neuron, 94(2), 294.