

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

[Myo7a^{sh1}/Myo7a^{sh1}](#)

RRID:MGI:2449164

Type: Organism

Proper Citation

RRID:MGI:2449164

Organism Information

URL:

Proper Citation: RRID:MGI:2449164

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

Species: Mus musculus

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

Phenotype: cochlear hair cell degeneration, abnormal organ of Corti morphology, absent pinna reflex, cochlear ganglion degeneration, cochlear hair cell degeneration, deafness, stria vascularis degeneration, increased fluid intake, abnormal behavior, abnormal ear physiology, vestibular saccular macula degeneration, vestibular ganglion hypoplasia, cochlear ganglion degeneration, cochlear ganglion degeneration, impaired swimming, hyperactivity, increased anxiety-related response, slow postnatal weight gain, deafness, reduced male fertility, circling, jerky movement, hyperactivity, gliosis, cochlear ganglion degeneration, head tossing, increased food intake, deafness, cochlear hair cell degeneration, circling, abnormal organ of Corti morphology, abnormal cochlear OHC efferent innervation pattern, cochlear hair cell degeneration, abnormal cochlear hair cell morphology

Affected Gene: Myo7a

Genomic Alteration: sh1

Catalog Number: 2449164

Background: involves: BALB

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15389316](#), [PMID:6627025](#), [PMID:14198707](#), [PMID:13336002](#)

Organism Name: Myo7a^{sh1}/Myo7a^{sh1}

Record Creation Time: 20240120T190745+0000

Record Last Update: 20240130T202106+0000

Ratings and Alerts

No rating or validation information has been found for Myo7a^{sh1}/Myo7a^{sh1}.

No alerts have been found for Myo7a^{sh1}/Myo7a^{sh1}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.