

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[Myo15^{sh2}/Myo15^{sh2}](#)

RRID:MGI:3046320

Type: Organism

Proper Citation

RRID:MGI:3046320

Organism Information

URL:

Proper Citation: RRID:MGI:3046320

Description: Allele Detail: Radiation induced This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Radiation induced This is a legacy resource.

Phenotype: cochlear ganglion degeneration, abnormal cochlear ganglion morphology, head shaking, circling, deafness, abnormal utricular macula morphology, abnormal stria vascularis morphology, abnormal tectorial membrane morphology, organ of Corti degeneration, abnormal cochlear hair cell morphology, abnormal cochlear hair cell morphology, abnormal organ of Corti morphology

Affected Gene: Myo15

Genomic Alteration: sh2

Catalog Number: 3046320

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:6889851](#)

Organism Name: Myo15^{sh2}/Myo15^{sh2}

Record Creation Time: 20240120T190656+0000

Record Last Update: 20240130T202037+0000

Ratings and Alerts

No rating or validation information has been found for Myo15^{sh2}/Myo15^{sh2}.

No alerts have been found for Myo15^{sh2}/Myo15^{sh2}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Pacentine IV, et al. (2021) Cy3-ATP labeling of unfixed, permeabilized mouse hair cells. Scientific reports, 11(1), 23855.