

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

[Msrb3^{tm1Hyk}/Msrb3^{tm1Hyk}](#)

RRID:MGI:5569513

Type: Organism

Proper Citation

RRID:MGI:5569513

Organism Information

URL:

Proper Citation: RRID:MGI:5569513

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

Species: Mus musculus

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

Phenotype: cochlear inner hair cell degeneration, cellular phenotype, abnormal outer hair cell stereociliary bundle morphology, cochlear outer hair cell degeneration, deafness, increased or absent threshold for auditory brainstem response, increased apoptosis, hearing/vestibular/ear phenotype, absent outer hair cell stereocilia

Affected Gene: Msrb3

Genomic Alteration: tm1Hyk

Catalog Number: 5569513

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24191262](#)

Organism Name: Msrb3^{tm1Hyk}/Msrb3^{tm1Hyk}

Record Creation Time: 20240120T190047+0000

Record Last Update: 20240130T201706+0000

Ratings and Alerts

No rating or validation information has been found for Msrb3^{tm1Hyk}/Msrb3^{tm1Hyk}.

No alerts have been found for Msrb3^{tm1Hyk}/Msrb3^{tm1Hyk}.

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.