

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[S1pr2^{tm1Jch}/S1pr2^{tm1Jch}](#); [S1pr3^{tm1Jch}/S1pr3^{tm1Jch}](#)

RRID:MGI:3689741

Type: Organism

Proper Citation

RRID:MGI:3689741

Organism Information

URL:

Proper Citation: RRID:MGI:3689741

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

Species: Mus musculus

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

Phenotype: absent startle reflex, abnormal maternal nurturing, cochlear ganglion degeneration, absent vestibular hair cell stereocilia, vestibular saccular macula degeneration, decreased vertical activity, impaired swimming, limb grasping, cochlear outer hair cell degeneration, utricular macular degeneration, cochlear inner hair cell degeneration, vestibular hair cell degeneration, degeneration of organ of Corti supporting cells, organ of Corti degeneration, impaired righting response, abnormal posture, head tilt, abnormal vestibular system physiology, decreased litter size, abnormal inner ear vestibule morphology, perinatal lethality, incomplete penetrance

Affected Gene: S1pr2, S1pr3

Genomic Alteration: tm1Jch

Catalog Number: 3689741

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12006579](#), [PMID:17287522](#)

Organism Name: S1pr2^{tm1Jch}/S1pr2^{tm1Jch}; S1pr3^{tm1Jch}/S1pr3^{tm1Jch}

Record Creation Time: 20240120T190540+0000

Record Last Update: 20240130T201953+0000

Ratings and Alerts

No rating or validation information has been found for S1pr2^{tm1Jch}/S1pr2^{tm1Jch}; S1pr3^{tm1Jch}/S1pr3^{tm1Jch}.

No alerts have been found for S1pr2^{tm1Jch}/S1pr2^{tm1Jch}; S1pr3^{tm1Jch}/S1pr3^{tm1Jch}.

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.