

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 5, 2026

[S1pr2^{tm1Rlp}/S1pr2^{tm1Rlp}](#)

RRID:MGI:3621360

Type: Organism

Proper Citation

RRID:MGI:3621360

Organism Information

URL:

Proper Citation: RRID:MGI:3621360

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

Species: Mus musculus

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

Phenotype: decreased B cell apoptosis, enlarged otoliths, absent distortion product otoacoustic emissions, abnormal stria basal cell morphology, decreased otolith number, abnormal stria marginal cell morphology, increased or absent threshold for auditory brainstem response, cochlear ganglion degeneration, abnormal vestibular labyrinth morphology, organ of Corti degeneration, abnormal stria vascularis vasculature morphology, cochlear hair cell degeneration, deafness, abnormal stria intermediate cell morphology, head tilt, abnormal stria vascularis morphology, cardiovascular system phenotype, increased germinal center B cell number, increased T cell number, increased B cell proliferation, increased B cell number, abnormal spleen germinal center morphology

Affected Gene: S1pr2

Genomic Alteration: tm1Rlp

Catalog Number: 3621360

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:21642988](#), [PMID:15138255](#), [PMID:17284444](#)

Organism Name: S1pr2^{tm1Rlp}/S1pr2^{tm1Rlp}

Record Creation Time: 20240120T190602+0000

Record Last Update: 20240130T202100+0000

Ratings and Alerts

No rating or validation information has been found for S1pr2^{tm1Rlp}/S1pr2^{tm1Rlp}.

No alerts have been found for S1pr2^{tm1Rlp}/S1pr2^{tm1Rlp}.

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.