

# Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

[S1pr2<sup>tm1Rlp</sup>/S1pr2<sup>tm1Rlp</sup>](#)

RRID:MGI:3621360

Type: Organism

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## Proper Citation

RRID:MGI:3621360

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## 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<sup>tm1Rlp</sup>/S1pr2<sup>tm1Rlp</sup>

**Record Creation Time:** 20240120T190602+0000

**Record Last Update:** 20240130T202100+0000

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## Ratings and Alerts

No rating or validation information has been found for S1pr2<sup>tm1Rlp</sup>/S1pr2<sup>tm1Rlp</sup>.

No alerts have been found for S1pr2<sup>tm1Rlp</sup>/S1pr2<sup>tm1Rlp</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.