

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 6, 2026

## [Slc12a2<sup>tm2Bhk</sup>/Slc12a2<sup>tm2Bhk</sup>](#)

RRID:MGI:2664279

Type: Organism

### Proper Citation

RRID:MGI:2664279

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2664279

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

**Species:** Mus musculus

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

**Phenotype:** decreased body size, absent startle reflex, ataxia, abnormal cochlear inner hair cell morphology, abnormal hearing physiology, abnormal spermatogenesis, head tossing, abnormal strial marginal cell morphology, collapsed Reissner membrane, abnormal patterning of the organ of Corti, reduced female fertility, unidirectional circling, small testis, male infertility, abnormal maternal nurturing, azoospermia, abnormal spermatid morphology, decreased body weight, absent tunnel of Corti, reduced male mating frequency, decreased male germ cell number, abnormal interdental cell morphology, abnormal Boettcher cell morphology, abnormal Reissner membrane morphology, abnormal organ of Corti supporting cell morphology, abnormal organ of Corti morphology, absent scala media, abnormal type II spiral ligament fibrocytes, abnormal tectorial membrane morphology, abnormal type IV spiral ligament fibrocytes, abnormal membranous labyrinth morphology, hyperactivity

**Affected Gene:** Slc12a2

**Genomic Alteration:** tm2Bhk

**Catalog Number:** 2664279

**Background:** involves: 129P2/OlaHsd \* C57BL/6J \* DBA/2J

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:10683373](#), [PMID:11377879](#)

**Organism Name:** Slc12a2<sup>tm2Bhk</sup>/Slc12a2<sup>tm2Bhk</sup>

**Record Creation Time:** 20240120T190734+0000

**Record Last Update:** 20240130T202059+0000

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## Ratings and Alerts

No rating or validation information has been found for Slc12a2<sup>tm2Bhk</sup>/Slc12a2<sup>tm2Bhk</sup>.

No alerts have been found for Slc12a2<sup>tm2Bhk</sup>/Slc12a2<sup>tm2Bhk</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.