

Resource Summary Report

Generated by [nidm-terms](#) on Aug 2, 2026

[Slc12a2^{tm2Bhk}/Slc12a2^{tm2Bhk}](#)

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^{tm2Bhk}/Slc12a2^{tm2Bhk}

Record Creation Time: 20240120T190734+0000

Record Last Update: 20240130T202059+0000

Ratings and Alerts

No rating or validation information has been found for Slc12a2^{tm2Bhk}/Slc12a2^{tm2Bhk}.

No alerts have been found for Slc12a2^{tm2Bhk}/Slc12a2^{tm2Bhk}.

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.