

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Slc12a6^{tm1Tjj}/Slc12a6^{tm1Tjj}](#)

RRID:MGI:2680045

Type: Organism

Proper Citation

RRID:MGI:2680045

Organism Information

URL:

Proper Citation: RRID:MGI:2680045

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

Species: Mus musculus

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

Phenotype: type I spiral ligament fibrocyte degeneration, hippocampal neuron degeneration, limp posture, muscle hypertonia, limb grasping, neurodegeneration, akinesia, hypertension, increased susceptibility to pharmacologically induced seizures, abnormal limb posture, abnormal sciatic nerve morphology, organ of Corti degeneration, abnormal optic stalk morphology, spinal cord degeneration, sensorineural hearing loss, type III spiral ligament fibrocyte degeneration, deafness, axon degeneration, abnormal cerebellum morphology, peripheral nervous system degeneration, cochlear ganglion degeneration, cochlear hair cell degeneration, cochlear inner hair cell degeneration, cochlear outer hair cell degeneration, decreased endocochlear potential, abnormal cell physiology

Affected Gene: Slc12a6

Genomic Alteration: tm1Tjj

Catalog Number: 2680045

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14532115](#)

Organism Name: Slc12a6^{tm1Tjj}/Slc12a6^{tm1Tjj}

Record Creation Time: 20240120T190720+0000

Record Last Update: 20240130T202051+0000

Ratings and Alerts

No rating or validation information has been found for Slc12a6^{tm1Tjj}/Slc12a6^{tm1Tjj}.

No alerts have been found for Slc12a6^{tm1Tjj}/Slc12a6^{tm1Tjj}.

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.