Resource Summary Report

Generated by nidm-terms on Aug 2, 2026

Slc1a3^{tm1Kta}/Slc1a3^{tm1Kta}

RRID:MGI:3033217
Type: Organism

Proper Citation

RRID:MGI:3033217

Organism Information

URL:

Proper Citation: RRID:MGI:3033217

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

Species: Mus musculus

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

Phenotype: cochlear inner hair cell degeneration, increased susceptibility to noise-induced hearing loss, nervous system phenotype, behavior/neurological phenotype, increased susceptibility to ototoxicity-induced hearing loss, increased susceptibility to pharmacologically induced seizures, seizures, abnormal kindling response, abnormal motor coordination/balance, abnormal nervous system physiology, abnormal auditory brainstem response waveform shape, abnormal synaptic glutamate release, increased or absent threshold for auditory brainstem response, abnormal Purkinje cell morphology

Affected Gene: Slc1a3

Genomic Alteration: tm1Kta

Catalog Number: 3033217

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:11102482, PMID:10529447, PMID:9753165, PMID:15862894

Organism Name: Slc1a3^{tm1Kta}/Slc1a3^{tm1Kta}

Record Creation Time: 20240120T190710+0000

Record Last Update: 20240130T202045+0000

Ratings and Alerts

No rating or validation information has been found for Slc1a3^{tm1Kta}/Slc1a3^{tm1Kta}.

No alerts have been found for Slc1a3^{tm1Kta}/Slc1a3^{tm1Kta}.

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.