

Resource Summary Report

Generated by [nidm-terms](#) on Jul 31, 2026

[Slc1a3^{tm1Kta}/Slc1a3^{tm1Kta}](#)

RRID:MGI:4417921

Type: Organism

Proper Citation

RRID:MGI:4417921

Organism Information

URL:

Proper Citation: RRID:MGI:4417921

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

Species: Mus musculus

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

Phenotype: abnormal electroretinogram waveform feature, optic nerve degeneration, retinal degeneration, vision/eye phenotype, abnormal optic nerve morphology, increased lactate dehydrogenase level, increased cellular sensitivity to hydrogen peroxide, decreased retinal ganglion cell number, abnormal retinal ganglion layer morphology, optic nerve cupping, abnormal retinal inner nuclear layer morphology

Affected Gene: Slc1a3

Genomic Alteration: tm1Kta

Catalog Number: 4417921

Background: B6.129P2-Slc1a3

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17607354](#)

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

Record Creation Time: 20240120T190313+0000

Record Last Update: 20240130T201828+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.