

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

[Slc24a2^{tm1Jlyt}/Slc24a2^{tm1Jlyt}](#)

RRID:MGI:3686865

Type: Organism

Proper Citation

RRID:MGI:3686865

Organism Information

URL:

Proper Citation: RRID:MGI:3686865

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

Species: Mus musculus

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

Phenotype: abnormal calcium ion homeostasis, abnormal motor learning, vision/eye phenotype, reduced long term potentiation, abnormal spatial learning, abnormal long term depression

Affected Gene: Slc24a2

Genomic Alteration: tm1Jlyt

Catalog Number: 3686865

Background: either: B6.129-Slc24a2 or (involves: 129S1/Sv * 129X1/SvJ * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16407245](#)

Organism Name: Slc24a2^{tm1Jlyt}/Slc24a2^{tm1Jlyt}

Record Creation Time: 20240120T190544+0000

Record Last Update: 20240130T201955+0000

Ratings and Alerts

No rating or validation information has been found for Slc24a2^{tm1Jlyt}/Slc24a2^{tm1Jlyt}.

No alerts have been found for Slc24a2^{tm1Jlyt}/Slc24a2^{tm1Jlyt}.

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.