

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Slc5a3^{tm1Skc}/Slc5a3^{tm1Skc}](#)

RRID:MGI:3686853

Type: Organism

Proper Citation

RRID:MGI:3686853

Organism Information

URL:

Proper Citation: RRID:MGI:3686853

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

Species: Mus musculus

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

Phenotype: cyanosis, abnormal phrenic nerve morphology, atelectasis, neonatal lethality, incomplete penetrance, respiratory failure, abnormal vagus nerve morphology, absent phrenic nerve, abnormal nervous system morphology, decreased body size, abnormal nerve conduction, abnormal facial nerve morphology

Affected Gene: Slc5a3

Genomic Alteration: tm1Skc

Catalog Number: 3686853

Background: involves: 129S7/SvEvBrd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16174787](#)

Organism Name: Slc5a3^{tm1Skc}/Slc5a3^{tm1Skc}

Record Creation Time: 20240120T190544+0000

Record Last Update: 20240130T201955+0000

Ratings and Alerts

No rating or validation information has been found for Slc5a3^{tm1Skc}/Slc5a3^{tm1Skc}.

No alerts have been found for Slc5a3^{tm1Skc}/Slc5a3^{tm1Skc}.

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.