

# Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

## [Slc5a3<sup>tm1Skc</sup>/Slc5a3<sup>tm1Skc</sup>](#)

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<sup>tm1Skc</sup>/Slc5a3<sup>tm1Skc</sup>

**Record Creation Time:** 20240120T190544+0000

**Record Last Update:** 20240130T201955+0000

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## Ratings and Alerts

No rating or validation information has been found for Slc5a3<sup>tm1Skc</sup>/Slc5a3<sup>tm1Skc</sup>.

No alerts have been found for Slc5a3<sup>tm1Skc</sup>/Slc5a3<sup>tm1Skc</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.