

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Slc5a7^{tm1Rbl}/Slc5a7^{tm1Rbl}](#)

RRID:MGI:3045585

Type: Organism

Proper Citation

RRID:MGI:3045585

Organism Information

URL:

Proper Citation: RRID:MGI:3045585

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

Species: Mus musculus

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

Phenotype: abnormal neuromuscular synapse morphology, cyanosis, abnormal synaptic acetylcholine release, neonatal lethality, incomplete penetrance, hyporesponsive to tactile stimuli, respiratory failure, abnormal motor neuron innervation pattern

Affected Gene: Slc5a7

Genomic Alteration: tm1Rbl

Catalog Number: 3045585

Background: involves: 129S6/SvEvTac * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15173594](#)

Organism Name: Slc5a7^{tm1Rbl}/Slc5a7^{tm1Rbl}

Record Creation Time: 20240120T190657+0000

Record Last Update: 20240130T202131+0000

Ratings and Alerts

No rating or validation information has been found for Slc5a7^{tm1Rbl}/Slc5a7^{tm1Rbl}.

No alerts have been found for Slc5a7^{tm1Rbl}/Slc5a7^{tm1Rbl}.

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.