

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

[Slc39a14^{tm1Thir}/Slc39a14^{tm1Thir}](#)

RRID:MGI:4999766

Type: Organism

Proper Citation

RRID:MGI:4999766

Organism Information

URL:

Proper Citation: RRID:MGI:4999766

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

Species: Mus musculus

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

Phenotype: scoliosis, abnormal chondrocyte differentiation, abnormal gluconeogenesis, postnatal growth retardation, abnormal growth hormone level, increased bone trabecular spacing, short tibia, osteoporosis, decreased length of long bones, decreased bone mineral density, decreased body weight, decreased body size, abnormal liver zinc level, torticollis, decreased circulating insulin-like growth factor I level, decreased bone volume, decreased bone trabecula number, short femur

Affected Gene: Slc39a14

Genomic Alteration: tm1Thir

Catalog Number: 4999766

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21445361](#)

Organism Name: Slc39a14^{tm1Thir}/Slc39a14^{tm1Thir}

Record Creation Time: 20240120T190223+0000

Record Last Update: 20240130T201803+0000

Ratings and Alerts

No rating or validation information has been found for Slc39a14^{tm1Thir}/Slc39a14^{tm1Thir}.

No alerts have been found for Slc39a14^{tm1Thir}/Slc39a14^{tm1Thir}.

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.