

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 6, 2026

[Slc7a1^{tm1Rbm}](#)/[Slc7a1^{tm1Rbm}](#)

RRID:MGI:3514022

Type: Organism

Proper Citation

RRID:MGI:3514022

Organism Information

URL:

Proper Citation: RRID:MGI:3514022

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

Species: Mus musculus

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

Phenotype: increased nucleated erythrocyte cell number, decreased body size, neonatal lethality, complete penetrance, abnormal cell physiology, decreased hemoglobin content, decreased mean corpuscular hemoglobin, decreased erythrocyte cell number, decreased body weight, anisopoikilocytosis, anemia, abnormal reticulocyte morphology, abnormal proerythroblast morphology

Affected Gene: Slc7a1

Genomic Alteration: tm1Rbm

Catalog Number: 3514022

Background: either: (involves: 129P2/OlaHsd * C57BL/6) or (involves: C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9106662](#)

Organism Name: Slc7a1^{tm1Rbm}/Slc7a1^{tm1Rbm}

Record Creation Time: 20240120T190644+0000

Record Last Update: 20240130T202030+0000

Ratings and Alerts

No rating or validation information has been found for Slc7a1^{tm1Rbmn}/Slc7a1^{tm1Rbmn}.

No alerts have been found for Slc7a1^{tm1Rbmn}/Slc7a1^{tm1Rbmn}.

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.