

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

STOCK Slc31a1^{tm2Djt/J}

RRID:IMSR_JAX:025651

Type: Organism

Proper Citation

RRID:IMSR_JAX:025651

Organism Information

URL: <https://www.jax.org/strain/025651>

Proper Citation: RRID:IMSR_JAX:025651

Description: Mus musculus with name STOCK Slc31a1^{tm2Djt/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 31; member 1; mutant stock: Slc31a1

Affected Gene: solute carrier family 31; member 1

Genomic Alteration: targeted mutation 2; Dennis J Thiele

Catalog Number: JAX:025651

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Slc31a1^{tm2Djt/J}

Record Creation Time: 20250513T053754+0000

Record Last Update: 20260829T045105+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Slc31a1^{tm2Djt/J}.

No alerts have been found for STOCK Slc31a1^{tm2Djt/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Xiao T, et al. (2025) RAD23B acquires a copper metalloadaptor function in amphibian-to-reptile evolution to increase metabolism and regulate genomic integrity. Molecular cell, 85(18), 3443.