

# Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

## STOCK Slc31a1<sup>tm2Djt/J</sup>

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<sup>tm2Djt/J</sup> 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<sup>tm2Djt/J</sup>

**Record Creation Time:** 20250513T053754+0000

**Record Last Update:** 20260829T045105+0000

### Ratings and Alerts

No rating or validation information has been found for STOCK Slc31a1<sup>tm2Djt/J</sup>.

No alerts have been found for STOCK Slc31a1<sup>tm2Djt/J</sup>.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## 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.