

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

[Stx2^{tm1Dcru}/Stx2^{tm1Dcru}](#)

RRID:MGI:3640503

Type: Organism

Proper Citation

RRID:MGI:3640503

Organism Information

URL:

Proper Citation: RRID:MGI:3640503

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

Species: Mus musculus

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

Phenotype: abnormal spermatogenesis, branched small intestinal villi, male infertility, decreased litter size, decreased testis weight, abnormal small intestinal crypt cell proliferation, decreased susceptibility to induced colitis, increased colon length, abnormal small intestine crypts of Lieberkuhn morphology, increased liver weight, abnormal seminiferous tubule morphology, increased male germ cell apoptosis, increased small intestine length, abnormal small intestinal villus morphology, azoospermia

Affected Gene: Stx2

Genomic Alteration: tm1Dcru

Catalog Number: 3640503

Background: involves: 129X1/SvJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16710473](#)

Organism Name: Stx2^{tm1Dcru}/Stx2^{tm1Dcru}

Record Creation Time: 20240120T190551+0000

Record Last Update: 20240130T202000+0000

Ratings and Alerts

No rating or validation information has been found for Stx2^{tm1Dcru}/Stx2^{tm1Dcru}.

No alerts have been found for Stx2^{tm1Dcru}/Stx2^{tm1Dcru}.

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.