

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

[Slc40a1^{tm1.1Mmfe}/Slc40a1^{tm1.1Mmfe}](#)

RRID:MGI:5607258

Type: Organism

Proper Citation

RRID:MGI:5607258

Organism Information

URL:

Proper Citation: RRID:MGI:5607258

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

Species: Mus musculus

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

Phenotype: cachexia, oxidative stress, abnormal pancreas morphology, hemochromatosis, abnormal liver morphology, decreased intestinal iron level, increased heart iron level, abnormal enzyme/coenzyme level, increased brain iron level, increased liver iron level, increased mean corpuscular volume, increased pancreas iron level, abnormal iron homeostasis, premature death, increased hematocrit, increased hemoglobin content, increased circulating iron level, abnormal pancreatic acinar cell morphology, decreased spleen iron level, decreased circulating unsaturated transferrin level, increased circulating lipase level, increased erythrocyte cell number, increased circulating ferritin level, increased kidney iron level, abnormal liver physiology

Affected Gene: Slc40a1

Genomic Alteration: tm1.1Mmfe

Catalog Number: 5607258

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25100063](#)

Organism Name: Slc40a1^{tm1.1Mmfe}/Slc40a1^{tm1.1Mmfe}

Record Creation Time: 20240120T190038+0000

Record Last Update: 20240130T201700+0000

Ratings and Alerts

No rating or validation information has been found for Slc40a1^{tm1.1Mmfe}/Slc40a1^{tm1.1Mmfe}.

No alerts have been found for Slc40a1^{tm1.1Mmfe}/Slc40a1^{tm1.1Mmfe}.

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.