Resource Summary Report

Generated by NIF on Sep 1, 2026

Slc37a4^{tm1Jyc}/Slc37a4^{tm1Jyc}

RRID:MGI:3046092
Type: Organism

Proper Citation

RRID:MGI:3046092

Organism Information

URL:

Proper Citation: RRID:MGI:3046092

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

Species: Mus musculus

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

Phenotype: small spleen, abnormal bone marrow cell morphology/development, seizures, hyperlipidemia, impaired neutrophil chemotaxis, abnormal homeostasis, postnatal lethality, decreased body weight, postnatal growth retardation, abnormal myelopoiesis, enlarged liver, abnormal bone marrow cavity morphology, decreased neutrophil cell number, abnormal neutrophil physiology, decreased lymphocyte cell number, abnormal inflammatory response, decreased inflammatory response, abnormal glucose homeostasis, hypoglycemia, increased glycogen level, abnormal lipid homeostasis, abnormal chemokine secretion, absent spleen white pulp, abnormal long bone epiphysis morphology, decreased bone marrow cell number, abnormal spleen morphology, enlarged kidney, increased circulating cholesterol level, increased circulating triglyceride level, decreased long bone epiphyseal plate size, abnormal long bone metaphysis morphology

Affected Gene: Slc37a4

Genomic Alteration: tm1Jyc

Catalog Number: 3046092

Background: involves: 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:12925567

Organism Name: Slc37a4^{tm1Jyc}/Slc37a4^{tm1Jyc}

Record Creation Time: 20240120T190656+0000

Record Last Update: 20240130T202131+0000

Ratings and Alerts

No rating or validation information has been found for Slc37a4^{tm1Jyc}/Slc37a4^{tm1Jyc}.

No alerts have been found for Slc37a4^{tm1Jyc}/Slc37a4^{tm1Jyc}.

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.