

Resource Summary Report

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

Tg(Alb-SREBF1_ic)#Jkot

RRID:MGI:6259432

Type: Organism

Proper Citation

RRID:MGI:6259432

Organism Information

URL:

Proper Citation: RRID:MGI:6259432

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

Species: *Mus musculus*

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

Phenotype: abnormal liver morphology, enlarged liver, increased circulating insulin level, insulin resistance, postnatal lethality, incomplete penetrance, increased susceptibility to weight gain, decreased unsaturated fatty acid level, increased circulating glucose level, increased circulating free fatty acid level, increased circulating aspartate transaminase level, increased circulating alanine transaminase level, increased body fat mass, hepatic steatosis, decreased survivor rate, decreased saturated fatty acid level, decreased food intake, decreased body weight, abnormal lipid metabolism, increased unsaturated fatty acid level, increased lean body mass, increased fatty acid level, increased circulating leptin level, increased triglyceride level, abnormal fat pad morphology, abnormal inguinal fat pad morphology, abnormal epididymal fat pad morphology, abnormal ceramide level, insulin resistance, increased white adipose tissue amount, increased subcutaneous adipose tissue amount, increased respiratory quotient, hepatic steatosis, growth/size/body region phenotype, enlarged liver, abnormal liver morphology, abnormal lipid oxidation, abnormal lipid homeostasis, abnormal cellular respiration, abnormal aerobic respiration

Genomic Alteration: Tg(Alb-SREBF1_ic)#Jkot

Catalog Number: 6259432

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22363740](#), [PMID:28490610](#)

Organism Name: Tg(Alb-SREBF1_ic)#Jkot

Record Creation Time: 20240120T185802+0000

Record Last Update: 20240130T201524+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Alb-SREBF1_ic)#Jkot.

No alerts have been found for Tg(Alb-SREBF1_ic)#Jkot.

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.