

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

[Irs1^{tm1Jos}/Irs1^{tm1Jos}](#); [Irs3^{tm1Lhd}/Irs3^{tm1Lhd}](#)

RRID:MGI:3583264

Type: Organism

Proper Citation

RRID:MGI:3583264

Organism Information

URL:

Proper Citation: RRID:MGI:3583264

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

Species: Mus musculus

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

Phenotype: decreased white adipose tissue amount, decreased triglyceride level, decreased circulating triglyceride level, decreased circulating free fatty acid level, liver/biliary system phenotype, decreased circulating leptin level, abnormal gonadal fat pad morphology, pancreatic islet hyperplasia, insulin resistance, hyperglycemia, increased circulating insulin level, impaired glucose tolerance, increased pancreatic beta cell mass, mortality/aging, postnatal growth retardation

Affected Gene: Irs3, Irs1

Genomic Alteration: tm1Jos, tm1Lhd

Catalog Number: 3583264

Background: involves: 129S2/SvPas * 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12502742](#)

Organism Name: Irs1^{tm1Jos}/Irs1^{tm1Jos}; Irs3^{tm1Lhd}/Irs3^{tm1Lhd}

Record Creation Time: 20240120T190626+0000

Record Last Update: 20240130T202020+0000

Ratings and Alerts

No rating or validation information has been found for $Irs1^{tm1Jos}/Irs1^{tm1Jos}$; $Irs3^{tm1Lhd}/Irs3^{tm1Lhd}$.

No alerts have been found for $Irs1^{tm1Jos}/Irs1^{tm1Jos}$; $Irs3^{tm1Lhd}/Irs3^{tm1Lhd}$.

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.