

Resource Summary Report

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

[Irs2^{tm1Tka}](#)/[Irs2^{tm1Tka}](#)

RRID:MGI:3583344

Type: Organism

Proper Citation

RRID:MGI:3583344

Organism Information

URL:

Proper Citation: RRID:MGI:3583344

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

Species: Mus musculus

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

Phenotype: abnormal pancreatic beta cell morphology, increased systemic arterial systolic blood pressure, increased circulating HDL cholesterol level, increased circulating cholesterol level, abnormal cell differentiation, abnormal vascular wound healing, impaired glucose tolerance, growth/size/body region phenotype, increased insulin secretion, increased circulating insulin level, insulin resistance, decreased pancreatic beta cell mass, hyperglycemia, insulin resistance, increased circulating free fatty acid level, decreased vasodilation, increased circulating triglyceride level

Affected Gene: Irs2

Genomic Alteration: tm1Tka

Catalog Number: 3583344

Background: involves: C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11078455](#), [PMID:12810606](#), [PMID:11259600](#)

Organism Name: Irs2^{tm1Tka}/Irs2^{tm1Tka}

Record Creation Time: 20240120T190626+0000

Record Last Update: 20240130T202020+0000

Ratings and Alerts

No rating or validation information has been found for Irs2^{tm1Tka}/Irs2^{tm1Tka}.

No alerts have been found for Irs2^{tm1Tka}/Irs2^{tm1Tka}.

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.