

# Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

## [Irs2<sup>tm1Tka</sup>/Irs2<sup>tm1Tka</sup>](#)

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<sup>tm1Tka</sup>/Irs2<sup>tm1Tka</sup>

**Record Creation Time:** 20240120T190626+0000

**Record Last Update:** 20240130T202020+0000

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## Ratings and Alerts

No rating or validation information has been found for Irs2<sup>tm1Tka</sup>/Irs2<sup>tm1Tka</sup>.

No alerts have been found for Irs2<sup>tm1Tka</sup>/Irs2<sup>tm1Tka</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.