

# Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

[Insr<sup>tm1Khn</sup>/Insr<sup>tm1Khn</sup>; Speer6-ps1<sup>Tg\(Alb-cre\)21Mgn</sup>/Speer6-ps1<sup>+</sup>](#)

RRID:MGI:3039262

Type: Organism

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## Proper Citation

RRID:MGI:3039262

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3039262

**Description:** Allele Detail: Targeted, Transgenic This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted, Transgenic This is a legacy resource.

**Phenotype:** enlarged gallbladder, impaired glucose tolerance, abnormal hepatocyte morphology, increased circulating alkaline phosphatase level, increased circulating aspartate transaminase level, small liver, abnormal liver morphology, increased mitochondria size, insulin resistance, decreased circulating free fatty acid level, increased insulin secretion, abnormal liver physiology, postnatal growth retardation, abnormal glucose homeostasis, abnormal insulin clearance, abnormal lipid homeostasis, abnormal circulating serum albumin level, increased pancreatic beta cell mass, hyperglycemia, increased circulating insulin level, decreased circulating triglyceride level, increased pancreatic beta cell mass, increased bile salt level, pancreatic islet hyperplasia

**Affected Gene:** Speer6-ps1, Insr

**Genomic Alteration:** tm1Khn, Tg(Alb-cre)21Mgn

**Catalog Number:** 3039262

**Background:** involves: 129S4/SvJae \* C57BL/6J \* DBA/2 \* FVB

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:10949030](#), [PMID:15372107](#)

**Organism Name:**  $\text{Insr}^{\text{tm1Khn}}/\text{Insr}^{\text{tm1Khn}}; \text{Speer6-ps1}^{\text{Tg(Alb-cre)21Mgn}}/\text{Speer6-ps1}^+$

**Record Creation Time:** 20240120T190705+0000

**Record Last Update:** 20240130T202042+0000

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## Ratings and Alerts

No rating or validation information has been found for  $\text{Insr}^{\text{tm1Khn}}/\text{Insr}^{\text{tm1Khn}}; \text{Speer6-ps1}^{\text{Tg(Alb-cre)21Mgn}}/\text{Speer6-ps1}^+$ .

No alerts have been found for  $\text{Insr}^{\text{tm1Khn}}/\text{Insr}^{\text{tm1Khn}}; \text{Speer6-ps1}^{\text{Tg(Alb-cre)21Mgn}}/\text{Speer6-ps1}^+$ .

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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.