

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

[Stat5b<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>; Stat5a<sup>tm2Mam</sup>/Stat5a<sup>tm2Mam</sup>; Tg\(Ins2-cre\)25Mgn](#)

RRID:MGI:4840005

Type: Organism

## Proper Citation

RRID:MGI:4840005

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4840005

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

**Species:** Mus musculus

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

**Phenotype:** increased circulating glucose level, disorganized pancreatic islets, increased circulating leptin level, increased total body fat amount, impaired glucose tolerance, decreased insulin secretion, increased circulating free fatty acid level, obese

**Affected Gene:** Stat5a, Tg(Ins2-cre)25Mgn, Stat5b

**Genomic Alteration:** Tg(Ins2-cre)25Mgn, tm2Mam, tm1Mam

**Catalog Number:** 4840005

**Background:** involves: 129S6/SvEvTac \* C57BL/6 \* DBA

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:17599554](#)

**Organism Name:** Stat5b<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>; Stat5a<sup>tm2Mam</sup>/Stat5a<sup>tm2Mam</sup>; Tg(Ins2-cre)25Mgn

**Record Creation Time:** 20240120T190239+0000

**Record Last Update:** 20240130T201811+0000

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## Ratings and Alerts

No rating or validation information has been found for Stat5b<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>;  
Stat5a<sup>tm2Mam</sup>/Stat5a<sup>tm2Mam</sup>; Tg(Ins2-cre)25Mgn.

No alerts have been found for Stat5b<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>; Stat5a<sup>tm2Mam</sup>/Stat5a<sup>tm2Mam</sup>  
; Tg(Ins2-cre)25Mgn.

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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.