

# Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

## Tg(Ins2-cre)25Mgn; Stat5b<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>

RRID:MGI:4840006

Type: Organism

### Proper Citation

RRID:MGI:4840006

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4840006

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

**Species:** Mus musculus

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

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

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

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

**Catalog Number:** 4840006

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

**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 Tg(Ins2-cre)25Mgn; Stat5b<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>.

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