

Resource Summary Report

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

Tg(Ins2-cre)25Mgn; Stat5b^{tm1Mam}/Stat5b^{tm1Mam}

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^{tm1Mam}/Stat5b^{tm1Mam}

Record Creation Time: 20240120T190239+0000

Record Last Update: 20240130T201811+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Ins2-cre)25Mgn; Stat5b^{tm1Mam}/Stat5b^{tm1Mam}.

No alerts have been found for Tg(Ins2-cre)25Mgn; Stat5b^{tm1Mam}/Stat5b^{tm1Mam}.

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.