

Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

[Stat5b^{tm1Mam}/Stat5b^{tm1Mam}; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}; Tg\(Ins2-cre\)25Mgn](#)

RRID:MGI:4840005

Type: Organism

Proper Citation

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Organism Information

URL:

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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^{tm1Mam}/Stat5b^{tm1Mam}; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}; Tg(Ins2-cre)25Mgn

Record Creation Time: 20240120T190239+0000

Record Last Update: 20240130T201811+0000

Ratings and Alerts

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

No alerts have been found for Stat5b^{tm1Mam}/Stat5b^{tm1Mam}; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}
; Tg(Ins2-cre)25Mgn.

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.