

Resource Summary Report

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

[Stat5b^{tm1Mam}/Stat5b^{tm1Mam}; Tg\(Nes-cre\)1Kln;](#)
[Stat5a^{tm2Mam}/Stat5a^{tm2Mam}](#)

RRID:MGI:4840275

Type: Organism

Proper Citation

RRID:MGI:4840275

Organism Information

URL:

Proper Citation: RRID:MGI:4840275

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

Species: Mus musculus

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

Phenotype: increased circulating free fatty acid level, increased circulating insulin level, impaired glucose tolerance, increased total fat pad weight, increased percent body fat/body weight, abnormal fat pad morphology, obese, increased total body fat amount, impaired adaptive thermogenesis, insulin resistance, increased circulating triglyceride level, increased circulating leptin level, decreased oxygen consumption, polyphagia, increased lean body mass

Affected Gene: Tg(Nes-cre)1Kln, Stat5a, Stat5b

Genomic Alteration: tm2Mam, tm1Mam, Tg(Nes-cre)1Kln

Catalog Number: 4840275

Background: involves: 129 * 129S6/SvEvTac * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18286195](#)

Organism Name: Stat5b^{tm1Mam}/Stat5b^{tm1Mam}; Tg(Nes-cre)1Kln; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}

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}; Tg(Nes-cre)1Kln; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}.

No alerts have been found for Stat5b^{tm1Mam}/Stat5b^{tm1Mam}; Tg(Nes-cre)1Kln; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}.

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.