

# Resource Summary Report

Generated by [nidm-terms](#) on Sep 20, 2026

[Stat5b<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>; Tg\(Nes-cre\)1Kln;  
Stat5a<sup>tm2Mam</sup>/Stat5a<sup>tm2Mam</sup>](#)

RRID:MGI:4840275

Type: Organism

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## Proper Citation

RRID:MGI:4840275

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## 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<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>; Tg(Nes-cre)1Kln; Stat5a<sup>tm2Mam</sup>/Stat5a<sup>tm2Mam</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 Stat5b<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>; Tg(Nes-cre)1Kln; Stat5a<sup>tm2Mam</sup>/Stat5a<sup>tm2Mam</sup>.

No alerts have been found for Stat5b<sup>tm1Mam</sup>/Stat5b<sup>tm1Mam</sup>; Tg(Nes-cre)1Kln; Stat5a<sup>tm2Mam</sup>/Stat5a<sup>tm2Mam</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.