

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

[Tg\(Mx1-cre\)1Cgn; Stat5a^{tm2Mam}/Stat5a^{tm2Mam};
Stat5b^{tm1Mam}/Stat5b^{tm1Mam}](#)

RRID:MGI:4847917

Type: Organism

Proper Citation

RRID:MGI:4847917

Organism Information

URL:

Proper Citation: RRID:MGI:4847917

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

Species: Mus musculus

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

Phenotype: decreased hemoglobin content, decreased hematocrit, decreased erythrocyte cell number, decreased cell proliferation, anemia, decreased lymphocyte cell number, increased apoptosis, decreased neutrophil cell number, abnormal neutrophil physiology, decreased monocyte cell number, decreased leukocyte cell number, abnormal neutrophil differentiation, abnormal leukopoiesis

Affected Gene: Tg(Mx1-cre)1Cgn, Stat5a, Stat5b

Genomic Alteration: tm2Mam, Tg(Mx1-cre)1Cgn, tm1Mam

Catalog Number: 4847917

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19779039](#)

Organism Name: Tg(Mx1-cre)1Cgn; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}; Stat5b^{tm1Mam}/Stat5b^{tm1Mam}

Record Creation Time: 20240120T190237+0000

Record Last Update: 20240130T201810+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Mx1-cre)1Cgn; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}; Stat5b^{tm1Mam}/Stat5b^{tm1Mam}.

No alerts have been found for Tg(Mx1-cre)1Cgn; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}; 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.