

Resource Summary Report

Generated by [ASWG](#) on Jul 30, 2026

[Stat5b^{tm1Mam}/Stat5b^{tm1Mam}; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}; Myf5^{tm3\(cre\)Sor}/Myf5⁺](#)

RRID:MGI:4840214

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4840214

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

Species: Mus musculus

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

Phenotype: decreased body weight, impaired glucose tolerance, increased circulating triglyceride level, decreased circulating insulin-like growth factor I level, increased total body fat amount, decreased lean body mass, decreased body length

Affected Gene: Myf5, Stat5a, Stat5b

Genomic Alteration: tm3(cre)Sor, tm2Mam, tm1Mam

Catalog Number: 4840214

Background: involves: 129S4/SvJaeSor * 129S6/SvEvTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17158201](#)

Organism Name: Stat5b^{tm1Mam}/Stat5b^{tm1Mam}; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}; Myf5^{tm3(cre)Sor}/Myf5⁺

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}; Myf5^{tm3(cre)Sor}/Myf5⁺.

No alerts have been found for Stat5b^{tm1Mam}/Stat5b^{tm1Mam}; Stat5a^{tm2Mam}/Stat5a^{tm2Mam}; Myf5^{tm3(cre)Sor}/Myf5⁺.

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.