

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

Tg(Syn1-cre)671Jxm; Socs3^{tm1Ayos}/Socs3^{tm1Ayos}

RRID:MGI:3051642

Type: Organism

Proper Citation

RRID:MGI:3051642

Organism Information

URL:

Proper Citation: RRID:MGI:3051642

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

Species: Mus musculus

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

Phenotype: abnormal food intake, decreased body weight, weight loss, decreased circulating free fatty acid level, decreased circulating triglyceride level, increased insulin sensitivity, decreased body fat mass, improved glucose tolerance

Affected Gene: Socs3, Tg(Syn1-cre)671Jxm

Genomic Alteration: tm1Ayos, Tg(Syn1-cre)671Jxm

Catalog Number: 3051642

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15208705](#)

Organism Name: Tg(Syn1-cre)671Jxm; Socs3^{tm1Ayos}/Socs3^{tm1Ayos}

Record Creation Time: 20240120T190652+0000

Record Last Update: 20240130T202035+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Syn1-cre)671Jxm; Socs3^{tm1Ayo}/Socs3^{tm1Ayo}.

No alerts have been found for Tg(Syn1-cre)671Jxm; Socs3^{tm1Ayo}/Socs3^{tm1Ayo}.

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.