

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Sox17^{tm1Sjm}/Sox17^{tm2Sjm}; Tg\(Mx1-cre\)1Cgn](#)

RRID:MGI:3717921

Type: Organism

Proper Citation

RRID:MGI:3717921

Organism Information

URL:

Proper Citation: RRID:MGI:3717921

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 hematopoietic stem cell number, thymus hypoplasia, spleen hypoplasia, decreased leukocyte cell number, decreased bone marrow cell number, thrombocytopenia, postnatal lethality, complete penetrance

Affected Gene: Sox17, Tg(Mx1-cre)1Cgn

Genomic Alteration: Tg(Mx1-cre)1Cgn, tm1Sjm, tm2Sjm

Catalog Number: 3717921

Background: involves: 129/Sv * C3H * C57BL/6 * C57BL/Ka * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17655922](#)

Organism Name: Sox17^{tm1Sjm}/Sox17^{tm2Sjm}; Tg(Mx1-cre)1Cgn

Record Creation Time: 20240120T190510+0000

Record Last Update: 20240130T201936+0000

Ratings and Alerts

No rating or validation information has been found for Sox17^{tm1Sjm}/Sox17^{tm2Sjm}; Tg(Mx1-cre)1Cgn.

No alerts have been found for Sox17^{tm1Sjm}/Sox17^{tm2Sjm}; Tg(Mx1-cre)1Cgn.

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.