

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[Morc2b^{tm1Jw}/Morc2b^{tm1Jw}](#)

RRID:MGI:6117873

Type: Organism

Proper Citation

RRID:MGI:6117873

Organism Information

URL:

Proper Citation: RRID:MGI:6117873

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

Species: Mus musculus

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

Phenotype: decreased testis weight, small testis, female infertility, increased male germ cell apoptosis, male infertility, abnormal female meiosis, abnormal double-strand DNA break repair, abnormal chromosomal synapsis, absent oocytes, small ovary, increased apoptosis, azoospermia, abnormal meiosis, arrest of male meiosis

Affected Gene: Morc2b

Genomic Alteration: tm1Jw

Catalog Number: 6117873

Background: involves: 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:29329290](#)

Organism Name: Morc2b^{tm1Jw}/Morc2b^{tm1Jw}

Record Creation Time: 20240120T185820+0000

Record Last Update: 20240130T201535+0000

Ratings and Alerts

No rating or validation information has been found for Morc2b^{tm1Jw}/Morc2b^{tm1Jw}.

No alerts have been found for Morc2b^{tm1Jw}/Morc2b^{tm1Jw}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Shi B, et al. (2018) MORC2B is essential for meiotic progression and fertility. PLoS genetics, 14(1), e1007175.