

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

Dmc1^{tm1Jcs}/Dmc1^{Mei11}

RRID:MGI:3768914

Type: Organism

Proper Citation

RRID:MGI:3768914

Organism Information

URL:

Proper Citation: RRID:MGI:3768914

Description: Allele Detail: Chemically induced (other), Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Chemically induced (other), Targeted This is a legacy resource.

Phenotype: female infertility, absent ovarian follicles, arrest of male meiosis, decreased oocyte number, abnormal ovarian follicle morphology, abnormal spermatocyte morphology

Affected Gene: Dmc1

Genomic Alteration: Mei11, tm1Jcs

Catalog Number: 3768914

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17425408](#)

Organism Name: Dmc1^{tm1Jcs}/Dmc1^{Mei11}

Record Creation Time: 20240120T190451+0000

Record Last Update: 20240130T201926+0000

Ratings and Alerts

No rating or validation information has been found for Dmc1^{tm1Jcs}/Dmc1^{Mei11}.

No alerts have been found for Dmc1^{tm1Jcs}/Dmc1^{Mei11}.

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 [kravitz2](#) .

Rinaldi VD, et al. (2017) The DNA Damage Checkpoint Eliminates Mouse Oocytes with Chromosome Synapsis Failure. Molecular cell, 67(6), 1026.