

# Resource Summary Report

Generated by [kravitz2](#) on Aug 16, 2026

## Dmc1<sup>tm1Jcs</sup>/Dmc1<sup>Mei11</sup>

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<sup>tm1Jcs</sup>/Dmc1<sup>Mei11</sup>

**Record Creation Time:** 20240120T190451+0000

**Record Last Update:** 20240130T201926+0000

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## Ratings and Alerts

No rating or validation information has been found for Dmc1<sup>tm1Jcs</sup>/Dmc1<sup>Mei11</sup>.

No alerts have been found for Dmc1<sup>tm1Jcs</sup>/Dmc1<sup>Mei11</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## 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.