

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Spo11^{tm1Mjn}/Spo11^{tm1Mjn}](#)

RRID:MGI:4358251

Type: Organism

Proper Citation

RRID:MGI:4358251

Organism Information

URL:

Proper Citation: RRID:MGI:4358251

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

Species: Mus musculus

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

Phenotype: female infertility, immune system phenotype, abnormal primordial ovarian follicle morphology, small seminiferous tubules, decreased testis weight, impaired ovarian folliculogenesis, azoospermia, abnormal spermatid morphology, abnormal ovary morphology, arrest of spermatogenesis, abnormal spermatogenesis, decreased oocyte number, abnormal male meiosis, abnormal female meiosis, small ovary, decreased mature ovarian follicle number, male infertility, abnormal oogenesis

Affected Gene: Spo11

Genomic Alteration: tm1Mjn

Catalog Number: 4358251

Background: involves: 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11106739](#), [PMID:11807770](#)

Organism Name: Spo11^{tm1Mjn}/Spo11^{tm1Mjn}

Record Creation Time: 20240120T190325+0000

Record Last Update: 20240130T201836+0000

Ratings and Alerts

No rating or validation information has been found for Spo11^{tm1Mjn}/Spo11^{tm1Mjn}.

No alerts have been found for Spo11^{tm1Mjn}/Spo11^{tm1Mjn}.

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](#) .

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