

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

[Spo11^{tm1.1Gvpc}/Spo11^{tm3Rdco}](#)

RRID:MGI:5538721

Type: Organism

Proper Citation

RRID:MGI:5538721

Organism Information

URL:

Proper Citation: RRID:MGI:5538721

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

Species: Mus musculus

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

Phenotype: male infertility, abnormal double-strand DNA break repair, abnormal X-Y chromosome synapsis during male meiosis, small ovary, arrest of male meiosis, small testis, decreased mature ovarian follicle number, early reproductive senescence, azoospermia

Affected Gene: Spo11

Genomic Alteration: tm1.1Gvpc, tm3Rdco

Catalog Number: 5538721

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23870400](#)

Organism Name: Spo11^{tm1.1Gvpc}/Spo11^{tm3Rdco}

Record Creation Time: 20240120T190059+0000

Record Last Update: 20240130T201713+0000

Ratings and Alerts

No rating or validation information has been found for Spo11^{tm1.1Gvpc}/Spo11^{tm3Rdco}.

No alerts have been found for Spo11^{tm1.1Gvpc}/Spo11^{tm3Rdco}.

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.