

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

[Rad50^{tm4.1Jpt}/Rad50⁺](#); [Spo11^{tm1Mjn}/Spo11^{tm1Mjn}](#)

RRID:MGI:5614080

Type: Organism

Proper Citation

RRID:MGI:5614080

Organism Information

URL:

Proper Citation: RRID:MGI:5614080

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

Species: Mus musculus

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

Phenotype: abnormal seminiferous tubule morphology

Affected Gene: Spo11, Rad50

Genomic Alteration: tm4.1Jpt, tm1Mjn

Catalog Number: 5614080

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24532689](#)

Organism Name: Rad50^{tm4.1Jpt}/Rad50⁺; Spo11^{tm1Mjn}/Spo11^{tm1Mjn}

Record Creation Time: 20240120T190035+0000

Record Last Update: 20240130T201659+0000

Ratings and Alerts

No rating or validation information has been found for Rad50^{tm4.1Jpt/Rad50⁺}; Spo11^{tm1Mjn/Spo11^{tm1Mjn}}.

No alerts have been found for Rad50^{tm4.1Jpt/Rad50⁺}; Spo11^{tm1Mjn/Spo11^{tm1Mjn}}.

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.