

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[Rad50^{tm4.1Jpt}/Rad50⁺](#)

RRID:MGI:5614073

Type: Organism

Proper Citation

RRID:MGI:5614073

Organism Information

URL:

Proper Citation: RRID:MGI:5614073

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

Species: Mus musculus

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

Phenotype: abnormal gametogenesis, abnormal seminiferous tubule morphology, ovary atrophy, small testis, testicular atrophy, increased liver adenoma incidence, abnormal fertility/fecundity, reduced female fertility, abnormal hematopoietic stem cell morphology, impaired hematopoiesis, female infertility, increased foot pad pigmentation, decreased litter size, increased tail pigmentation, hydrocephaly, increased skin pigmentation, male infertility, abnormal sperm number, abnormal spermatogenesis, increased hepatoblastoma incidence, increased liver tumor incidence

Affected Gene: Rad50

Genomic Alteration: tm4.1Jpt

Catalog Number: 5614073

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⁺

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⁺.

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

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.