

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Rad50^{tm2Jpt}/Rad50^{tm2Jpt}](#)

RRID:MGI:2450430

Type: Organism

Proper Citation

RRID:MGI:2450430

Organism Information

URL:

Proper Citation: RRID:MGI:2450430

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

Species: Mus musculus

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

Phenotype: anemia, abnormal immune system cell morphology, decreased immature B cell number, impaired hematopoiesis, absent bone marrow cell, abnormal spleen morphology, decreased body weight, increased leukemia incidence, increased T cell derived lymphoma incidence, decreased pre-B cell number, abnormal immune system organ morphology, abnormal bone marrow cell morphology/development, increased macrophage cell number, abnormal thymus morphology, spleen hyperplasia, lethality throughout fetal growth and development, incomplete penetrance, premature death, increased late pro-B cell number, decreased B cell number, decreased T cell number

Affected Gene: Rad50

Genomic Alteration: tm2Jpt

Catalog Number: 2450430

Background: either: (involves: 129S6/SvEvTac * 129S7/SvEvBrd) or (involves: 129S7/SvEvBrd * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12208847](#)

Organism Name: Rad50^{tm2Jpt}/Rad50^{tm2Jpt}

Record Creation Time: 20240120T190745+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for Rad50^{tm2Jpt}/Rad50^{tm2Jpt}.

No alerts have been found for Rad50^{tm2Jpt}/Rad50^{tm2Jpt}.

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.