

Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

B6;129S7-Rad50^{tm1Jpt}/Mmjax

RRID:MMRRC_043527-JAX

Type: Organism

Proper Citation

RRID:MMRRC_043527-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43527

Proper Citation: RRID:MMRRC_043527-JAX

Description: Mus musculus with name B6;129S7-Rad50^{tm1Jpt}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Developmental Biology, Immunology and Inflammation;
Mutation Type: Targeted Mutation ; Collection:

Phenotype: decreased bone marrow cell number [MP:0000333]| decreased cell proliferation [MP:0000352]| abnormal intestine morphology [MP:0000477]| liver hypoplasia [MP:0000600]| abnormal hepatocyte morphology [MP:0000607]| abnormal gait [MP:0001406]| abnormal hematopoietic system physiology [MP:0001545]| anemia [MP:0001577]| decreased embryo size [MP:0001698]| embryonic growth arrest [MP:0001730]| increased cellular sensitivity to gamma-irradiation [MP:0002007]| premature death [MP:0002083]| abnormal developmental patterning [MP:0002084]| decreased hepatocyte proliferation [MP:0004001]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011091]| prenatal lethality [MP:0011096]| complete penetrance [MP:0012431]

Affected Gene: Rad50

Catalog Number: 043527-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_43527-JAX, MMRRC_043527, MMRRC_43527

Organism Name: B6;129S7-*Rad50*^{tm1Jpt}/Mmjax

Record Creation Time: 20230308T055233+0000

Record Last Update: 20260912T135032+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S7-*Rad50*^{tm1Jpt}/Mmjax.

No alerts have been found for B6;129S7-*Rad50*^{tm1Jpt}/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.