

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 18, 2026

[Mre11a^{tm1Jpt}/Mre11a^{tm1Jpt}; Rad50^{tm2Jpt}/Rad50^{tm2Jpt}](#)

RRID:MGI:3615671

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3615671

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

Species: Mus musculus

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

Phenotype: increased lymphoma incidence, premature death, abnormal cell cycle checkpoint function, increased cellular sensitivity to ionizing radiation, chromosome breakage, hematopoietic system phenotype

Affected Gene: Mre11a, Rad50

Genomic Alteration: tm1Jpt, tm2Jpt

Catalog Number: 3615671

Background: involves: 129S7/SvEvBrd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16357220](#)

Organism Name: Mre11a^{tm1Jpt}/Mre11a^{tm1Jpt}; Rad50^{tm2Jpt}/Rad50^{tm2Jpt}

Record Creation Time: 20240120T190607+0000

Record Last Update: 20240130T202104+0000

Ratings and Alerts

No rating or validation information has been found for Mre11a^{tm1Jpt}/Mre11a^{tm1Jpt}; Rad50^{tm2Jpt}/Rad50^{tm2Jpt}.

No alerts have been found for Mre11a^{tm1Jpt}/Mre11a^{tm1Jpt}; 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.