

Resource Summary Report

Generated by [nidm-terms](#) on Aug 12, 2026

[Mdm2^{tm1Bay}/Mdm2^{tm1Mep}](#)

RRID:MGI:3715443

Type: Organism

Proper Citation

RRID:MGI:3715443

Organism Information

URL:

Proper Citation: RRID:MGI:3715443

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

Species: Mus musculus

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

Phenotype: decreased liver weight, decreased kidney weight, decreased granulocyte number, prenatal lethality, incomplete penetrance, decreased thymocyte number, decreased lymphocyte cell number, decreased neutrophil cell number, decreased spleen weight, decreased leukocyte cell number, decreased thymus weight, spleen hypoplasia, thymus hypoplasia, abnormal cell cycle checkpoint function, decreased T cell number, decreased bone marrow cell number, decreased cell proliferation, decreased double-positive T cell number, increased cellular sensitivity to ionizing radiation, decreased double-negative T cell number, abnormal B cell differentiation, decreased immature B cell number, anemia, decreased body weight, decreased erythrocyte cell number

Affected Gene: Mdm2

Genomic Alteration: tm1Bay, tm1Mep

Catalog Number: 3715443

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:12509446](#)

Organism Name: Mdm2^{tm1Bay}/Mdm2^{tm1Mep}

Record Creation Time: 20240120T190515+0000

Record Last Update: 20240130T201938+0000

Ratings and Alerts

No rating or validation information has been found for Mdm2^{tm1Bay}/Mdm2^{tm1Mep}.

No alerts have been found for Mdm2^{tm1Bay}/Mdm2^{tm1Mep}.

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.