

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

[Mdm4^{tm1Zmy}/Mdm4^{tm1Zmy}](#)

RRID:MGI:5141751

Type: Organism

Proper Citation

RRID:MGI:5141751

Organism Information

URL:

Proper Citation: RRID:MGI:5141751

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

Species: Mus musculus

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

Phenotype: decreased embryo size, embryonic lethality during organogenesis, complete penetrance, decreased cell proliferation, increased embryonic tissue cell apoptosis, abnormal embryonic neuroepithelium morphology, abnormal heart development, absent somites

Affected Gene: Mdm4

Genomic Alteration: tm1Zmy

Catalog Number: 5141751

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21730163](#)

Organism Name: Mdm4^{tm1Zmy}/Mdm4^{tm1Zmy}

Record Creation Time: 20240120T190213+0000

Record Last Update: 20240130T201757+0000

Ratings and Alerts

No rating or validation information has been found for Mdm4^{tm1Zmy}/Mdm4^{tm1Zmy}.

No alerts have been found for Mdm4^{tm1Zmy}/Mdm4^{tm1Zmy}.

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.