

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

[Smad2^{m1Mag}/Smad2^{m1Mag}](#)

RRID:MGI:3713864

Type: Organism

Proper Citation

RRID:MGI:3713864

Organism Information

URL:

Proper Citation: RRID:MGI:3713864

Description: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Phenotype: failure of chorioallantoic fusion, absent notochord, absent foregut, abnormal dorsal aorta morphology, abnormal heart tube morphology, abnormal embryonic tissue morphology, embryonic lethality, complete penetrance, abnormal heart development, absent optic placodes, rostral body truncation

Affected Gene: Smad2

Genomic Alteration: m1Mag

Catalog Number: 3713864

Background: either: (involves: 129S/Sv * Black Swiss) or (involves: 129S/Sv * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12432092](#)

Organism Name: Smad2^{m1Mag}/Smad2^{m1Mag}

Record Creation Time: 20240120T190518+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Smad2^{m1Mag}/Smad2^{m1Mag}.

No alerts have been found for Smad2^{m1Mag}/Smad2^{m1Mag}.

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.