

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[Smad4^{m4Mag}/Smad4^{tm1Cxd}](#)

RRID:MGI:3713871

Type: Organism

Proper Citation

RRID:MGI:3713871

Organism Information

URL:

Proper Citation: RRID:MGI:3713871

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

Species: Mus musculus

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

Phenotype: embryonic growth retardation, embryonic lethality between implantation and somite formation, complete penetrance, failure to gastrulate, absent mesoderm

Affected Gene: Smad4

Genomic Alteration: m4Mag, tm1Cxd

Catalog Number: 3713871

Background: either: (involves: 129S/Sv * 129S6/SvEvTac * Black Swiss) or (involves: 129S/Sv * 129S6/SvEvTac * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12432092](#)

Organism Name: Smad4^{m4Mag}/Smad4^{tm1Cxd}

Record Creation Time: 20240120T190517+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Smad4^{m4Mag}/Smad4^{tm1Cxd}.

No alerts have been found for Smad4^{m4Mag}/Smad4^{tm1Cxd}.

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.