

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[Smad2^{tm1Cxd}/Smad2^{tm1Cxd}](#)

RRID:MGI:2182331

Type: Organism

Proper Citation

RRID:MGI:2182331

Organism Information

URL:

Proper Citation: RRID:MGI:2182331

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

Species: Mus musculus

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

Phenotype: absent chorion, decreased embryo size, embryonic growth arrest, abnormal developmental patterning, abnormal extraembryonic endoderm formation, abnormal ectoplacental cone morphology, absent mesoderm, absent head fold, failure to gastrulate, abnormal egg cylinder morphology, embryonic lethality between implantation and somite formation, complete penetrance, absent extraembryonic ectoderm, abnormal extraembryonic tissue morphology, absent allantois, failure of primitive streak formation, absent amnion

Affected Gene: Smad2

Genomic Alteration: tm1Cxd

Catalog Number: 2182331

Background: involves: 129S6/SvEvTac * NIH Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9689088](#)

Organism Name: Smad2^{tm1Cxd}/Smad2^{tm1Cxd}

Record Creation Time: 20240120T190749+0000

Record Last Update: 20240130T202107+0000

Ratings and Alerts

No rating or validation information has been found for Smad2^{tm1Cxd}/Smad2^{tm1Cxd}.

No alerts have been found for Smad2^{tm1Cxd}/Smad2^{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.