

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[Smad1^{tm1Rob}/Smad1^{tm1Rob}](#)

RRID:MGI:2448154

Type: Organism

Proper Citation

RRID:MGI:2448154

Organism Information

URL:

Proper Citation: RRID:MGI:2448154

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

Species: Mus musculus

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

Phenotype: embryonic lethality during organogenesis, complete penetrance, abnormal visceral endoderm morphology, abnormal extraembryonic tissue morphology, abnormal mesoderm development, abnormal embryonic epiblast morphology, abnormal allantois morphology, abnormal ventral body wall morphology, decreased embryo size, absent umbilical cord, decreased primordial germ cell number, disorganized embryonic tissue, incomplete embryo turning, abnormal chorion morphology, distended pericardium, abnormal embryo development, abnormal chorioallantoic fusion, abnormal placenta morphology

Affected Gene: Smad1

Genomic Alteration: tm1Rob

Catalog Number: 2448154

Background: involves: 129S/SvEv * MF1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11566864](#)

Organism Name: Smad1^{tm1Rob}/Smad1^{tm1Rob}

Record Creation Time: 20240120T190746+0000

Record Last Update: 20240130T202150+0000

Ratings and Alerts

No rating or validation information has been found for Smad1^{tm1Rob}/Smad1^{tm1Rob}.

No alerts have been found for Smad1^{tm1Rob}/Smad1^{tm1Rob}.

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.