

# Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

## [Smad1<sup>tm1Rob</sup>/Smad1<sup>tm1Rob</sup>](#)

RRID:MGI:2448154

Type: Organism

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### Proper Citation

RRID:MGI:2448154

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### 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<sup>tm1Rob</sup>/Smad1<sup>tm1Rob</sup>

**Record Creation Time:** 20240120T190746+0000

**Record Last Update:** 20240130T202150+0000

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## Ratings and Alerts

No rating or validation information has been found for Smad1<sup>tm1Rob</sup>/Smad1<sup>tm1Rob</sup>.

No alerts have been found for Smad1<sup>tm1Rob</sup>/Smad1<sup>tm1Rob</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.