

# Resource Summary Report

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

## Smad2<sup>tm1Rob</sup>/Smad2<sup>tm1Rob</sup>

RRID:MGI:2182587

Type: Organism

### Proper Citation

RRID:MGI:2182587

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2182587

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

**Species:** Mus musculus

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

**Phenotype:** absent primitive node, abnormal rostral-caudal axis patterning, embryonic lethality during organogenesis, complete penetrance, failure of primitive streak formation, abnormal chorion morphology, absent endoderm, absent mesoderm, abnormal embryonic tissue morphology, abnormal embryonic epiblast morphology, absent ectoderm

**Affected Gene:** Smad2

**Genomic Alteration:** tm1Rob

**Catalog Number:** 2182587

**Background:** involves: 129S/SvEv

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:9529255](#)

**Organism Name:** Smad2<sup>tm1Rob</sup>/Smad2<sup>tm1Rob</sup>

**Record Creation Time:** 20240120T190749+0000

**Record Last Update:** 20240130T202107+0000

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## Ratings and Alerts

No rating or validation information has been found for Smad2<sup>tm1Rob</sup>/Smad2<sup>tm1Rob</sup>.

No alerts have been found for Smad2<sup>tm1Rob</sup>/Smad2<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.