

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

## [Smad4<sup>m4Mag</sup>/Smad4<sup>+</sup>](#)

RRID:MGI:3701498

Type: Organism

### Proper Citation

RRID:MGI:3701498

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3701498

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

**Species:** Mus musculus

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

**Phenotype:** increased lung tumor incidence, increased tumor incidence, abnormal duodenum morphology, disorganized stomach mucosa, gastric polyps, abnormal cecum morphology, increased ovary tumor incidence, abnormal stomach glandular epithelium morphology, abnormal large intestine morphology, abnormal small intestine morphology, increased stomach tumor incidence

**Affected Gene:** Smad4

**Genomic Alteration:** m4Mag

**Catalog Number:** 3701498

**Background:** involves: 129S/Sv \* Black Swiss \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16518688](#)

**Organism Name:** Smad4<sup>m4Mag</sup>/Smad4<sup>+</sup>

**Record Creation Time:** 20240120T190528+0000

**Record Last Update:** 20240130T201946+0000

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## Ratings and Alerts

No rating or validation information has been found for Smad4<sup>m4Mag</sup>/Smad4<sup>+</sup>.

No alerts have been found for Smad4<sup>m4Mag</sup>/Smad4<sup>+</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.