

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 8, 2026

## [Muc2<sup>tm1Avel</sup>/Muc2<sup>tm1Avel</sup>](#)

RRID:MGI:3574621

Type: Organism

### Proper Citation

RRID:MGI:3574621

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3574621

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

**Species:** Mus musculus

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

**Phenotype:** abnormal cell physiology, abnormal cell migration, decreased apoptosis, abnormal intestine morphology, abnormal intestinal goblet cell morphology, increased cell proliferation, increased intestinal adenocarcinoma incidence, abnormal enterocyte apoptosis, gastrointestinal hemorrhage, colitis, abnormal intestinal mucosa morphology, abnormal intestine physiology, abnormal enterocyte morphology, large intestinal inflammation, abnormal enterocyte proliferation, abnormal large intestine crypts of Lieberkuhn morphology

**Affected Gene:** Muc2

**Genomic Alteration:** tm1Avel

**Catalog Number:** 3574621

**Background:** involves: 129P2/OlaHsd \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:11872843](#), [PMID:24945909](#)

**Organism Name:** Muc2<sup>tm1Avel</sup>/Muc2<sup>tm1Avel</sup>

**Record Creation Time:** 20240120T190636+0000

**Record Last Update:** 20240130T202025+0000

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## Ratings and Alerts

No rating or validation information has been found for Muc2<sup>tm1Avel</sup>/Muc2<sup>tm1Avel</sup>.

No alerts have been found for Muc2<sup>tm1Avel</sup>/Muc2<sup>tm1Avel</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.