

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

[Muc2^{tm1Avel}/Muc2^{tm1Avel}](#)

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^{tm1Avel}/Muc2^{tm1Avel}

Record Creation Time: 20240120T190636+0000

Record Last Update: 20240130T202025+0000

Ratings and Alerts

No rating or validation information has been found for Muc2^{tm1Avel}/Muc2^{tm1Avel}.

No alerts have been found for Muc2^{tm1Avel}/Muc2^{tm1Avel}.

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.