

Resource Summary Report

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C57BL/6JSfdAnu-Muc2^{wnn}/AnuApbMmucd

RRID:MMRRC_036421-UCD

Type: Organism

Proper Citation

RRID:MMRRC_036421-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36421

Proper Citation: RRID:MMRRC_036421-UCD

Description: Mus musculus with name C57BL/6JSfdAnu-Muc2^{wnn}/AnuApbMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: chemically induced mutation ; Collection: NHMRC Australian PhenomeBank

Phenotype: decreased hematocrit [MP:0000208]| increased leukocyte cell number [MP:0000218]| abnormal intestine morphology [MP:0000477]| rectal prolapse [MP:0000493]| abnormal colon morphology [MP:0000495]| abnormal intestinal mucosa morphology [MP:0000511]| intestinal ulcer [MP:0000512]| increased circulating triglyceride level [MP:0001552]| abnormal digestive system physiology [MP:0001663]| abnormal intestinal absorption [MP:0001666]| premature death [MP:0002083]| colitis [MP:0002816]| melena [MP:0003292]| rectal hemorrhage [MP:0003293]| abnormal intestinal goblet cell morphology [MP:0003449]| abnormal large intestine crypts of Lieberkuhn morphology [MP:0004842]| increased lymphocyte cell number [MP:0005013]| diarrhea [MP:0005036]| increased susceptibility to induced colitis [MP:0008537]| increased tumor necrosis factor secretion [MP:0008560]| increased interferon-gamma secretion [MP:0008566]| increased interleukin-1 beta secretion [MP:0008657]| increased interleukin-13 secretion [MP:0008672]| abnormal enterocyte proliferation [MP:0008883]| increased enterocyte apoptosis [MP:0008885]| abnormal endoplasmic reticulum morphology [MP:0009378]| ileum inflammation [MP:0009482]| increased sensitivity to xenobiotic induced morbidity/mortality [MP:0009766]| abnormal intestine physiology [MP:0010155]| increased susceptibility to weight loss [MP:0010180]| dilated mitochondria [MP:0011632]| abnormal mitochondrial crista morphology [MP:0011635]| decreased colon length [MP:0013956]| increased endoplasmic reticulum stress [MP:0020354]

Affected Gene: Muc2

Catalog Number: 036421-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_36421-UCD, MMRRC_036421, MMRRC_36421

Organism Name: C57BL/6JSfdAnu-*Muc2^{wnn}*/AnuApbMmucd

Record Creation Time: 20230308T055145+0000

Record Last Update: 20260815T124815+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6JSfdAnu-*Muc2^{wnn}*/AnuApbMmucd.

No alerts have been found for C57BL/6JSfdAnu-*Muc2^{wnn}*/AnuApbMmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.