

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[II10^{tm1Cgn}/II10^{tm1Cgn}](#)

RRID:MGI:2665845

Type: Organism

Proper Citation

RRID:MGI:2665845

Organism Information

URL:

Proper Citation: RRID:MGI:2665845

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

Species: Mus musculus

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

Phenotype: abnormal leukocyte morphology, intestinal inflammation, decreased physiological sensitivity to xenobiotic, abnormal type IV hypersensitivity reaction, decreased tumor incidence, decreased incidence of tumors by UV induction, decreased T cell proliferation, abnormal intestinal epithelium morphology, thymus hyperplasia, intestinal inflammation, increased thymus weight, immune system phenotype, abnormal tumor necrosis factor level, abnormal interleukin level, abnormal interferon level, abnormal colon morphology, increased large intestine adenocarcinoma incidence, large intestinal inflammation, abnormal cytokine level, increased CD4-positive, alpha beta T cell number, abnormal immune system physiology, colitis, increased intestinal adenocarcinoma incidence, abnormal intestinal mucosa morphology, abnormal interleukin level, small intestinal inflammation, cecum inflammation, abnormal tumor necrosis factor level, abnormal large intestine morphology, abnormal interferon level, alveolar process atrophy, abnormal nitric oxide homeostasis, decreased airway responsiveness, abnormal lymphocyte cell number, enhanced wound healing, increased susceptibility to parasitic infection, increased granulocyte number, abnormal interferon level, abnormal protein level, decreased circulating insulin level, increased circulating cholesterol level, increased fatty acid level, increased insulin sensitivity, decreased length of allograft survival, abnormal tumor necrosis factor level, abnormal Langerhans cell physiology, increased susceptibility to type IV hypersensitivity reaction, abnormal interleukin level, increased hepatocyte apoptosis, abnormal circulating enzyme level, abnormal circulating protein level, abnormal placental labyrinth vasculature morphology, decreased circulating creatinine level, short femur, decreased trabecular bone thickness, increased placental labyrinth size, decreased

trabecular bone mass, increased liver triglyceride level, decreased circulating cholesterol level, abnormal homeostasis, abnormal bone mineralization, decreased bone trabecula number, increased myocardial infarction size, intestinal inflammation, abnormal glucose homeostasis, increased IgE level, decreased airway responsiveness, increased leukotriene level, increased IgG1 level, increased IgG2a level, decreased compact bone mass, abnormal osteoblast differentiation, abnormal skeleton morphology, abnormal skeleton physiology, decreased bone mineral content, decreased bone strength, abnormal bone structure, abnormal trabecular bone morphology, abnormal circulating serum albumin level, abnormal liver physiology, abnormal lipid level, increased thermal nociceptive threshold, immune system phenotype, increased interferon-gamma secretion, postnatal growth retardation, decreased spleen iron level, cachexia, premature death, microcytic anemia, increased granulocyte number, chronic inflammation, anemia, decreased erythrocyte cell number, abnormal myelopoiesis, absent erythroid progenitor cell, abnormal level of surface class II molecules, abnormal response to infection, abnormal crypts of Lieberkuhn morphology, decreased spleen red pulp amount, abnormal iron level, decreased circulating iron level, hypochromic anemia, decreased hemoglobin content, abnormal intestinal mucosa morphology, abnormal enterocyte morphology

Affected Gene: Il10

Genomic Alteration: tm1Cgn

Catalog Number: 2665845

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:16476050](#), [PMID:15618456](#), [PMID:16709607](#), [PMID:12842419](#), [PMID:11406467](#), [PMID:9886396](#), [PMID:12799032](#), [PMID:8402911](#), [PMID:16497487](#), [PMID:17200193](#), [PMID:9366559](#), [PMID:8770874](#), [PMID:17305866](#), [PMID:8823360](#), [PMID:10811896](#), [PMID:15362035](#), [PMID:17579057](#), [PMID:11285204](#), [PMID:17600128](#)

Organism Name: Il10^{tm1Cgn}/Il10^{tm1Cgn}

Record Creation Time: 20240120T190733+0000

Record Last Update: 20240130T202058+0000

Ratings and Alerts

No rating or validation information has been found for Il10^{tm1Cgn}/Il10^{tm1Cgn}.

No alerts have been found for Il10^{tm1Cgn}/Il10^{tm1Cgn}.

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.