Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

Il10rb^{tm1Agt}/Il10rb^{tm1Agt}

RRID:MGI:3603437
Type: Organism

Proper Citation

RRID:MGI:3603437

Organism Information

URL:

Proper Citation: RRID:MGI:3603437

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

Species: Mus musculus

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

Phenotype: abnormal crypts of Lieberkuhn morphology, abnormal lymph node medullary cord morphology, abnormal granulocyte differentiation, extramedullary hematopoiesis, decreased hemoglobin content, abnormal large intestine morphology, large intestinal inflammation, increased interleukin-17 secretion, spleen hyperplasia, abnormal spleen morphology, increased spleen weight, increased interferon-gamma secretion, colitis, abnormal mesenteric lymph node morphology, increased leukocyte cell number

Affected Gene: Il10rb

Genomic Alteration: tm1Agt

Catalog Number: 3603437

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:9463407, PMID:18318596

Organism Name: Il10rb^{tm1Agt}/Il10rb^{tm1Agt}

Record Creation Time: 20240120T190619+0000

Record Last Update: 20240130T202016+0000

Ratings and Alerts

No rating or validation information has been found for Il10rb^{tm1Agt}/Il10rb^{tm1Agt}.

No alerts have been found for Il10rb^{tm1Agt}/Il10rb^{tm1Agt}.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Hanna BS, et al. (2021) Interleukin-10 receptor signaling promotes the maintenance of a PD-1int TCF-1+ CD8+ T cell population that sustains anti-tumor immunity. Immunity, 54(12), 2825.

Redhu NS, et al. (2017) Macrophage dysfunction initiates colitis during weaning of infant mice lacking the interleukin-10 receptor. eLife, 6.