Resource Summary Report

Generated by dkNET on Aug 6, 2026

Il2tm1Hor/Il2tm1Hor

RRID:MGI:2450466
Type: Organism

Proper Citation

RRID:MGI:2450466

Organism Information

URL:

Proper Citation: RRID:MGI:2450466

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

Species: Mus musculus

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

Phenotype: abnormal CD4-positive, alpha-beta T cell physiology, abnormal CD8 positive, alpha-beta intraepithelial T cell morphology, abnormal cytotoxic T cell physiology, increased IgG1 level, abnormal thymocyte activation, abnormal CD4-positive, alpha-beta T cell physiology, decreased T cell proliferation, anemia, colitis, rectal prolapse, abnormal colon goblet cell morphology, abnormal intestinal epithelium morphology, cachexia, hunched posture, diarrhea, rectal hemorrhage, enlarged mesenteric lymph nodes, colitis, abnormal thymocyte activation, increased double-negative T cell number, decreased double-positive T cell number, abnormal lymphocyte morphology, increased single-positive T cell number, abnormal T-helper 1 cell differentiation, decreased splenocyte proliferation, increased susceptibility to viral infection, decreased cytotoxic T cell cytolysis, lymph node hyperplasia, increased IgE level, increased T cell proliferation, increased pre-B cell number, increased IgG1 level, increased pro-B cell number, increased IgG2a level, increased IgG2b level, increased B cell proliferation, abnormal gamma-delta intraepithelial T cell morphology, rectal prolapse, chronic diarrhea, colitis, anemia, enlarged lymph nodes, enlarged spleen, intestinal ulcer, increased IgG1 level, decreased double-negative T cell number, increased T cell proliferation, increased IgA level, abnormal CD8 positive, alpha-beta intraepithelial T cell morphology, abnormal lymphocyte physiology, abnormal lymphocyte cell number, abnormal level of surface class II molecules, amyloidosis, abnormal intestinal epithelium morphology, abnormal colon goblet cell morphology, crypts of Lieberkuhn abscesses, premature death, decreased T cell proliferation, increased length of allograft survival, decreased cytotoxic T cell cytolysis, decreased cytotoxic T cell cytolysis, abnormal class switch recombination, abnormal CD4-positive, alpha-beta T cell

physiology, impaired natural killer cell mediated cytotoxicity

Affected Gene: Il2

Genomic Alteration: tm1Hor

Catalog Number: 2450466

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:1830926, PMID:8235625, PMID:7517363, PMID:8977180, PMID:7602120, PMID:8402910, PMID:7595226, PMID:7589135, PMID:7609051, PMID:12244156

Organism Name: $Il2^{tm1Hor}/Il2^{tm1Hor}$

Record Creation Time: 20240120T190745+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for $Il2^{tm1Hor}/Il2^{tm1Hor}$.

No alerts have been found for $Il2^{tm1Hor}/Il2^{tm1Hor}$.

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.