

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

C57BL/6J-Irak4^{m1Btlr} Ticam1^{Lps2}/Mmucd

RRID:MMRRC_030625-UCD

Type: Organism

Proper Citation

RRID:MMRRC_030625-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30625

Proper Citation: RRID:MMRRC_030625-UCD

Description: Mus musculus with name C57BL/6J-Irak4^{m1Btlr} Ticam1^{Lps2}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Immunology and Inflammation, Models for Human Disease; Mutation Type: chemically induced mutation ; Collection: Beutler Mutagenetix

Phenotype: decreased tumor necrosis factor secretion [MP:0008561]| ulcerated paws [MP:0000578]| abnormal postnatal growth/weight/body size [MP:0002089]| decreased susceptibility to hepatic steatosis [MP:0002310]| decreased susceptibility to bacterial infection [MP:0002411]| increased susceptibility to viral infection [MP:0002418]| abnormal macrophage physiology [MP:0002451]| abnormal cytokine secretion [MP:0003009]| decreased susceptibility to injury [MP:0005166]| abnormal retinal progenitor cell morphology [MP:0006071]| decreased susceptibility to induced colitis [MP:0008539]| abnormal circulating tumor necrosis factor level [MP:0008552]| decreased circulating tumor necrosis factor level [MP:0008554]| decreased tumor necrosis factor secretion [MP:0008561]| decreased interleukin-6 secretion [MP:0008706]| decreased susceptibility to endotoxin shock [MP:0008734]| abnormal enterocyte physiology [MP:0008882]| decreased macrophage nitric oxide production [MP:0011077]| decreased macrophage cytokine production [MP:0011079]| decreased macrophage apoptosis [MP:0011081]

Affected Gene: |Irak4||Ticam1

Catalog Number: 030625-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:18806225](#)

Alternate IDs: MMRRC_30625-UCD, MMRRC_030625, MMRRC_3625

Organism Name: C57BL/6J-*Irak4*^{m1Btlr} *Ticam1*^{Lps2}/Mmucd

Record Creation Time: 20230308T055120+0000

Record Last Update: 20260912T134741+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-*Irak4*^{m1Btlr} *Ticam1*^{Lps2}/Mmucd.

No alerts have been found for C57BL/6J-*Irak4*^{m1Btlr} *Ticam1*^{Lps2}/Mmucd.

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.