

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

C57BL/6N-Nfkb1tm1a(KOMP)Wtsi/Mmucd

RRID:MMRRC_048798-UCD

Type: Organism

Proper Citation

RRID:MMRRC_048798-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48798

Proper Citation: RRID:MMRRC_048798-UCD

Description: Mus musculus with name C57BL/6N-Nfkb1tm1a(KOMP)Wtsi/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: increased leukocyte cell number [MP:0000218]| lymphoid hyperplasia [MP:0000688]| abnormal skin condition [MP:0001191]| abnormal cornea morphology [MP:0001312]| increased circulating free fatty acid level [MP:0001554]| decreased IgA level [MP:0001807]| increased thermal nociceptive threshold [MP:0001973]| increased susceptibility to bacterial infection [MP:0002412]| increased circulating alkaline phosphatase level [MP:0002968]| decreased lean body mass [MP:0003961]| decreased thermal nociceptive threshold [MP:0003998]| decreased regulatory T cell number [MP:0004974]| decreased circulating sodium level [MP:0005634]| decreased mean corpuscular hemoglobin concentration [MP:0005642]| decreased NK cell number [MP:0008045]| decreased IgG1 level [MP:0008495]| decreased circulating amylase level [MP:0008805]| decreased respiratory quotient [MP:0010379]

Affected Gene: Nfkb1

Catalog Number: 048798-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_48798-UCD, MMRRC_048798, MMRRC_48798

Organism Name: C57BL/6N-*Nfkb1tm1a(KOMP)Wtsi*/Mmucd

Record Creation Time: 20230308T055300+0000

Record Last Update: 20260829T124330+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Nfkb1tm1a(KOMP)Wtsi*/Mmucd.

No alerts have been found for C57BL/6N-*Nfkb1tm1a(KOMP)Wtsi*/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Cheng SY, et al. (2025) Nfkb1 Removal from Proximal Tubule Cells Improves Renal Tubular Outcomes Following Ischemia Reperfusion Injury. *Kidney360*, 6(8), 1292.