

# Resource Summary Report

Generated by [RRID](#) on Aug 1, 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](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48798)

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**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:** 20260801T124714+0000

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## 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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