

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

C57BL/6N-*Atm1Brd Lacc1tm1a(KOMP)Wtsi/Mmucd*

RRID:MMRRC_048380-UCD

Type: Organism

Proper Citation

RRID:MMRRC_048380-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48380

Proper Citation: RRID:MMRRC_048380-UCD

Description: Mus musculus with name C57BL/6N-*Atm1Brd Lacc1tm1a(KOMP)Wtsi/Mmucd* from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal macrophage morphology [MP:0002446]| abnormal macrophage physiology [MP:0002451]| abnormal redox activity [MP:0003186]| decreased fatty acid level [MP:0005282]| decreased circulating tumor necrosis factor level [MP:0008554]| increased circulating interleukin-1 beta level [MP:0008641]| decreased interleukin-1 beta secretion [MP:0008658]| increased susceptibility to endotoxin shock [MP:0008735]| abnormal cellular respiration [MP:0010954]| abnormal oxidative phosphorylation [MP:0010959]

Affected Gene: |*Lacc1*|

Catalog Number: 048380-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_48380-UCD, MMRRC_048380, MMRRC_4838

Organism Name: C57BL/6N-*Atm1Brd Lacc1tm1a(KOMP)Wtsi/Mmucd*

Record Creation Time: 20230308T055257+0000

Record Last Update: 20260725T164409+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Atm1Brd Lacc1tm1a(KOMP)Wtsi*/Mmucd.

No alerts have been found for C57BL/6N-*Atm1Brd Lacc1tm1a(KOMP)Wtsi*/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.