

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

C57BL/6J-Cd36^{obl}/Mmucd

RRID:MMRRC_010471-UCD

Type: Organism

Proper Citation

RRID:MMRRC_010471-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=10471

Proper Citation: RRID:MMRRC_010471-UCD

Description: Mus musculus with name C57BL/6J-Cd36^{obl}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: chemically induced mutation ; Collection: Beutler Mutagenetix

Phenotype: abnormal olfaction [MP:0001984]| increased susceptibility to bacterial infection [MP:0002412]| abnormal cell-mediated immunity [MP:0002421]| abnormal macrophage physiology [MP:0002451]| ocular pterygium [MP:0003664]| endophthalmitis [MP:0003665]| increased sensitivity to induced morbidity/mortality [MP:0009763]

Affected Gene: Cd36

Catalog Number: 010471-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:15690042](#)

Alternate IDs: MMRRC_10471-UCD, MMRRC_010471, MMRRC_1471

Organism Name: C57BL/6J-Cd36^{obl}/Mmucd

Record Creation Time: 20230308T054905+0000

Record Last Update: 20260808T123423+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-*Cd36^{obl}*/Mmucd.

No alerts have been found for C57BL/6J-*Cd36^{obl}*/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zoccal KF, et al. (2018) CD36 Shunts Eicosanoid Metabolism to Repress CD14 Licensed Interleukin-1?? Release and Inflammation. *Frontiers in immunology*, 9, 890.

Xavier AM, et al. (2016) CD36 is expressed in a defined subpopulation of neurons in the olfactory epithelium. *Scientific reports*, 6, 25507.