

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

C57BL/6J-*Unc93b1*^{3d}/Mmucd

RRID:MMRRC_010466-UCD

Type: Organism

Proper Citation

RRID:MMRRC_010466-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=10466

Proper Citation: RRID:MMRRC_010466-UCD

Description: Mus musculus with name C57BL/6J-*Unc93b1*^{3d}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal antigen presentation via MHC class I [MP:0001836]| increased susceptibility to bacterial infection [MP:0002412]| increased susceptibility to viral infection [MP:0002418]| abnormal macrophage physiology [MP:0002451]| abnormal dendritic cell antigen presentation [MP:0002455]| abnormal antigen presentation via MHC class II [MP:0005041]| abnormal dendritic cell morphology [MP:0005461]| abnormal circulating interferon level [MP:0008548]| increased circulating tumor necrosis factor level [MP:0008553]| abnormal tumor necrosis factor secretion [MP:0008556]| decreased interleukin-12b secretion [MP:0008670]| decreased interleukin-6 secretion [MP:0008706]

Affected Gene: *Unc93b1*

Catalog Number: 010466-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:16415873](#)

Alternate IDs: MMRRC_10466-UCD, MMRRC_010466, MMRRC_1466

Organism Name: C57BL/6J-*Unc93b1*^{3d}/Mmucd

Record Creation Time: 20230308T054905+0000

Record Last Update: 20260725T163708+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-*Unc93b1*^{3d}/Mmucd.

No alerts have been found for C57BL/6J-*Unc93b1*^{3d}/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 [dkNET](#) .

Pucella JN, et al. (2025) Tonic type I interferon signaling optimizes the antiviral function of plasmacytoid dendritic cells. Nature immunology, 26(11), 1946.

Wortham BW, et al. (2013) TLR and NKG2D signaling pathways mediate CS-induced pulmonary pathologies. PloS one, 8(10), e78735.