

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

C57BL/6J-Tlr9^{M7Btlr}/Mmjax

RRID:MMRRC_034329-JAX

Type: Organism

Proper Citation

RRID:MMRRC_034329-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=34329

Proper Citation: RRID:MMRRC_034329-JAX

Description: Mus musculus with name C57BL/6J-Tlr9^{M7Btlr}/Mmjax from MMRRC.

Species: Mus musculus

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

Phenotype: decreased tumor necrosis factor secretion [MP:0008561]

Affected Gene: Tlr9

Catalog Number: 034329-JAX

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_34329-JAX, MMRRC_034329, MMRRC_34329

Organism Name: C57BL/6J-Tlr9^{M7Btlr}/Mmjax

Record Creation Time: 20230308T055132+0000

Record Last Update: 20260912T134810+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tlr9^{M7Btlr}/Mmjax.

No alerts have been found for C57BL/6J-*Tlr9*^{M7Btlr}/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Feng A, et al. (2025) Distinct STING-IRF3 activation determines IL-35+ Breg differentiation in rodent malaria. *International immunopharmacology*, 164, 115310.

Fan R, et al. (2024) *Plasmodium berghei* TatD-like DNase hijacks host innate immunity by inhibiting the TLR9-NF-??B pathway. *International immunopharmacology*, 140, 112843.

Winkler ES, et al. (2020) The Intestinal Microbiome Restricts Alphavirus Infection and Dissemination through a Bile Acid-Type I IFN Signaling Axis. *Cell*, 182(4), 901.

Soni C, et al. (2020) Plasmacytoid Dendritic Cells and Type I Interferon Promote Extrafollicular B Cell Responses to Extracellular Self-DNA. *Immunity*, 52(6), 1022.

Tufail Y, et al. (2017) Phosphatidylserine Exposure Controls Viral Innate Immune Responses by Microglia. *Neuron*, 93(3), 574.