

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

[Tlr4^{lps-del}/Tlr4^{lps-del}](#)

RRID:MGI:3588730

Type: Organism

Proper Citation

RRID:MGI:3588730

Organism Information

URL:

Proper Citation: RRID:MGI:3588730

Description: Allele Detail: Spontaneous This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Spontaneous This is a legacy resource.

Phenotype: abnormal cytokine secretion, abnormal glial cell physiology, increased thermal nociceptive threshold, decreased response of heart to induced stress, abnormal macrophage physiology, decreased susceptibility to injury, increased susceptibility to bacterial infection, increased susceptibility to bacterial infection, hyporesponsive to tactile stimuli

Affected Gene: Tlr4

Genomic Alteration: lps-del

Catalog Number: 3588730

Background: C57BL/10ScCr

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15967420](#), [PMID:15039311](#), [PMID:9851930](#), [PMID:15809417](#)

Organism Name: Tlr4^{lps-del}/Tlr4^{lps-del}

Record Creation Time: 20240120T190622+0000

Record Last Update: 20240130T202018+0000

Ratings and Alerts

No rating or validation information has been found for Tlr4^{lps-del}/Tlr4^{lps-del}.

No alerts have been found for Tlr4^{lps-del}/Tlr4^{lps-del}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Sierra F, et al. (2017) A Liver Capsular Network of Monocyte-Derived Macrophages Restricts Hepatic Dissemination of Intraperitoneal Bacteria by Neutrophil Recruitment. *Immunity*, 47(2), 374.