

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

[Nlrp3^{tm1Wstr}/Nlrp3⁺](#)

RRID:MGI:3850080

Type: Organism

Proper Citation

RRID:MGI:3850080

Organism Information

URL:

Proper Citation: RRID:MGI:3850080

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

Species: Mus musculus

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

Phenotype: increased leukocyte cell number, increased susceptibility to type IV hypersensitivity reaction, postnatal growth retardation, slow postnatal weight gain, chronic inflammation, abnormal macrophage physiology, abnormal lymph node morphology, abnormal dendritic cell physiology, abnormal spleen red pulp morphology, abnormal bone marrow cell physiology, abnormal CD4-positive, alpha beta T cell number, decreased survivor rate, dermatitis, enlarged liver, enlarged lymph nodes, enlarged spleen, increased T-helper 1 cell number, increased activated T cell number, increased anti-double stranded DNA antibody level, increased interleukin-1 beta secretion, increased interleukin-17 secretion, increased interleukin-18 secretion, reduced fertility

Affected Gene: Nlrp3

Genomic Alteration: tm1Wstr

Catalog Number: 3850080

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19501001](#)

Organism Name: Nlrp3^{tm1Wstr}/Nlrp3⁺

Record Creation Time: 20240120T190334+0000

Record Last Update: 20240130T201841+0000

Ratings and Alerts

No rating or validation information has been found for Nlrp3^{tm1Wstr}/Nlrp3⁺.

No alerts have been found for Nlrp3^{tm1Wstr}/Nlrp3⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.