

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

[Myd88^{tm1Aki}](#)/[Myd88^{tm1Aki}](#)

RRID:MGI:3694811

Type: Organism

Proper Citation

RRID:MGI:3694811

Organism Information

URL:

Proper Citation: RRID:MGI:3694811

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

Species: Mus musculus

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

Phenotype: decreased interleukin-6 secretion, abnormal retinal progenitor cell morphology, abnormal airway responsiveness, digestive/alimentary phenotype, decreased liver tumor incidence, abnormal tumor necrosis factor level, abnormal gut flora balance, abnormal respiratory system physiology, decreased interferon-gamma secretion, small pancreatic islets, hyperglycemia, abnormal pancreatic beta cell physiology, abnormal pancreatic beta cell morphology, decreased pancreatic beta cell mass, abnormal glucose homeostasis, abnormal tumor necrosis factor level, increased IgA level, increased susceptibility to bacterial infection, abnormal cytokine secretion, increased susceptibility to induced colitis, abnormal enterocyte physiology, increased IgE level, increased IgG1 level, increased susceptibility to viral infection, abnormal dendritic cell physiology, abnormal interferon level, abnormal cytokine level, abnormal dendritic cell physiology, abnormal macrophage physiology, decreased susceptibility to experimental autoimmune encephalomyelitis, abnormal neutrophil physiology, decreased circulating tumor necrosis factor level, hematopoietic system phenotype

Affected Gene: Myd88

Genomic Alteration: tm1Aki

Catalog Number: 3694811

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17158234](#), [PMID:16703567](#), [PMID:21998396](#),
[PMID:17707128](#), [PMID:17626835](#), [PMID:23334413](#), [PMID:19357791](#), [PMID:21760953](#),
[PMID:16440059](#), [PMID:18641654](#), [PMID:16204620](#), [PMID:16625202](#), [PMID:20855887](#),
[PMID:16118350](#), [PMID:18981228](#)

Organism Name: Myd88^{tm1Aki}/Myd88^{tm1Aki}

Record Creation Time: 20240120T190536+0000

Record Last Update: 20240130T201951+0000

Ratings and Alerts

No rating or validation information has been found for Myd88^{tm1Aki}/Myd88^{tm1Aki}.

No alerts have been found for Myd88^{tm1Aki}/Myd88^{tm1Aki}.

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.