

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

[Ifng^{tm1Ts}/Ifng^{tm1Ts}](#)

RRID:MGI:3696100

Type: Organism

Proper Citation

RRID:MGI:3696100

Organism Information

URL:

Proper Citation: RRID:MGI:3696100

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

Species: Mus musculus

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

Phenotype: decreased interleukin-10 secretion, increased sensitivity to xenobiotic induced morbidity/mortality, enlarged mesenteric lymph nodes, abnormal type IV hypersensitivity reaction, increased susceptibility to type IV hypersensitivity reaction, glomerulonephritis, albuminuria, abnormal urine homeostasis, increased susceptibility to parasitic infection, abnormal immunoglobulin level, abnormal immune tolerance, abnormal dendritic cell antigen presentation, enlarged spleen, increased interleukin-4 secretion, increased leukocyte cell number, increased monocyte cell number, decreased interleukin-10 secretion, decreased interferon-gamma secretion, abnormal cytokine secretion, abnormal humoral immune response, abnormal Langerhans cell physiology, increased interleukin-12 secretion, abnormal response to injury, abnormal dendritic cell chemotaxis, immune system phenotype, increased susceptibility to bacterial infection, abnormal spleen morphology, abnormal spleen white pulp morphology, abnormal spleen red pulp morphology, decreased vertical activity, extramedullary hematopoiesis, abnormal response to new environment, abnormal dendritic cell physiology, increased granulocyte number, increased susceptibility to parasitic infection induced morbidity/mortality, abnormal macrophage chemotaxis, increased NK T cell number, skeletal muscle fibrosis, abnormal nitric oxide homeostasis, abnormal redox activity, decreased susceptibility to injury, increased fear-related response, increased susceptibility to bacterial infection induced morbidity/mortality, pale spleen, impaired skeletal muscle regeneration, decreased length of allograft survival, stomach inflammation, increased circulating interleukin-6 level, abnormal circulating cytokine level

Affected Gene: Ifng

Genomic Alteration: tm1Ts

Catalog Number: 3696100

Background: B6.129S7-Ifng/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10080860](#), [PMID:15257986](#), [PMID:16979605](#),
[PMID:10878379](#), [PMID:9469425](#), [PMID:9366559](#), [PMID:16818748](#), [PMID:17475277](#),
[PMID:15240709](#), [PMID:9794653](#), [PMID:10438967](#), [PMID:9531602](#), [PMID:18353892](#)

Organism Name: Ifng^{tm1Ts}/Ifng^{tm1Ts}

Record Creation Time: 20240120T190535+0000

Record Last Update: 20240130T201950+0000

Ratings and Alerts

No rating or validation information has been found for Ifng^{tm1Ts}/Ifng^{tm1Ts}.

No alerts have been found for Ifng^{tm1Ts}/Ifng^{tm1Ts}.

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.