

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 14, 2026

[Ighm^{tm1Cgn}/Ighm^{tm1Cgn}](#)

RRID:MGI:3700262

Type: Organism

Proper Citation

RRID:MGI:3700262

Organism Information

URL:

Proper Citation: RRID:MGI:3700262

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

Species: Mus musculus

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

Phenotype: abnormal respiratory system physiology, decreased CD4-positive, alpha beta T cell number, decreased dendritic cell number, increased susceptibility to parasitic infection, abnormal humoral immune response, arrested B cell differentiation, decreased compact bone volume, decreased trabecular bone thickness, decreased IgG level, decreased immunoglobulin level, abnormal cardiovascular system physiology, decreased bone mineral density, abnormal compact bone morphology, abnormal cytokine secretion, immune system phenotype, decreased CD4-positive, alpha beta T cell number, decreased CD8-positive, alpha-beta T cell number, abnormal trabecular bone morphology, decreased compact bone thickness, decreased IgG level, decreased IgG1 level, decreased spleen weight, abnormal spleen morphology, decreased susceptibility to injury, immune system phenotype, decreased IgE level

Affected Gene: Ighm

Genomic Alteration: tm1Cgn

Catalog Number: 3700262

Background: B6.129S2-Ighm/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11748158](#), [PMID:11035071](#), [PMID:11937563](#), [PMID:11733579](#), [PMID:22308431](#), [PMID:11067910](#), [PMID:17202317](#)

Organism Name: Ighm^{tm1Cgn}/Ighm^{tm1Cgn}

Record Creation Time: 20240120T190529+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for Ighm^{tm1Cgn}/Ighm^{tm1Cgn}.

No alerts have been found for Ighm^{tm1Cgn}/Ighm^{tm1Cgn}.

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.