

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

[Itgb7^{tm1Cgn}/Itgb7^{tm1Cgn}](#)

RRID:MGI:2180884

Type: Organism

Proper Citation

RRID:MGI:2180884

Organism Information

URL:

Proper Citation: RRID:MGI:2180884

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

Species: Mus musculus

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

Phenotype: abnormal gut-associated lymphoid tissue morphology, abnormal lymphocyte physiology, abnormal immune system morphology, decreased CD4-positive, alpha beta T cell number, decreased eosinophil cell number, decreased mast cell number, abnormal Peyer's patch follicle morphology, increased uterine NK cell number, abnormal response to infection, small Peyer's patches, impaired leukocyte tethering or rolling, decreased B cell number, immune system phenotype, abnormal immune system physiology, increased susceptibility to parasitic infection, abnormal uterine NK cell morphology, increased trophoblast giant cell number, abnormal myometrium morphology

Affected Gene: Itgb7

Genomic Alteration: tm1Cgn

Catalog Number: 2180884

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9421796](#), [PMID:8684468](#), [PMID:15155674](#), [PMID:10898502](#), [PMID:16731772](#)

Organism Name: Itgb7^{tm1Cgn}/Itgb7^{tm1Cgn}

Record Creation Time: 20240120T190750+0000

Record Last Update: 20240130T202108+0000

Ratings and Alerts

No rating or validation information has been found for Itgb7^{tm1Cgn}/Itgb7^{tm1Cgn}.

No alerts have been found for Itgb7^{tm1Cgn}/Itgb7^{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.