

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Itgb2^{tm2Bay}/Itgb2^{tm2Bay}](#)

RRID:MGI:2651618

Type: Organism

Proper Citation

RRID:MGI:2651618

Organism Information

URL:

Proper Citation: RRID:MGI:2651618

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

Species: Mus musculus

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

Phenotype: increased circulating interleukin-3 level, increased lymphocyte cell number, increased inflammatory response, abnormal neutrophil morphology, increased neutrophil cell number, increased monocyte cell number, abnormal T cell proliferation, abnormal leukocyte physiology, abnormal immune system cell morphology, abnormal lymph organ size, dermatitis, epidermal hyperplasia, increased IgM level, increased immunoglobulin level, myeloid hyperplasia, enlarged lymph nodes, increased leukocyte cell number, perinatal lethality, incomplete penetrance, alopecia, enlarged spleen, increased circulating interleukin-6 level, abnormal neutrophil physiology, reddish skin, increased susceptibility to bacterial infection, conjunctivitis, increased bone marrow cell number, increased IgG level, increased IgA level

Affected Gene: Itgb2

Genomic Alteration: tm2Bay

Catalog Number: 2651618

Background: involves: 129S7/SvEvBrd * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9653089](#)

Organism Name: Itgb2^{tm2Bay}/Itgb2^{tm2Bay}

Record Creation Time: 20240120T190743+0000

Record Last Update: 20240130T202104+0000

Ratings and Alerts

No rating or validation information has been found for Itgb2^{tm2Bay}/Itgb2^{tm2Bay}.

No alerts have been found for Itgb2^{tm2Bay}/Itgb2^{tm2Bay}.

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.