

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

[Rag2^{tm1Avla}/Rag2^{tm1Avla}](#)

RRID:MGI:3714069

Type: Organism

Proper Citation

RRID:MGI:3714069

Organism Information

URL:

Proper Citation: RRID:MGI:3714069

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

Species: Mus musculus

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

Phenotype: small spleen, absent Hassall's corpuscle, cachexia, abnormal lymph node morphology, abnormal immune system organ morphology, decreased T cell proliferation, decreased double-positive T cell number, decreased lymphocyte cell number, small lymph nodes, small inguinal lymph nodes, absent Peyer's patches, abnormal thymus morphology, decreased IgA level, small cervical lymph nodes, abnormal immune system cell morphology, decreased spleen white pulp amount, abnormal spleen morphology, erythroderma, abnormal lymphocyte physiology, colitis, alopecia, abnormal digestive system morphology, arrested T cell differentiation, decreased NK T cell number, arrested B cell differentiation, abnormal B cell physiology, decreased IgG level

Affected Gene: Rag2

Genomic Alteration: tm1Avla

Catalog Number: 3714069

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17476358](#)

Organism Name: Rag2^{tm1Avla}/Rag2^{tm1Avla}

Record Creation Time: 20240120T190517+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Rag2^{tm1Avla}/Rag2^{tm1Avla}.

No alerts have been found for Rag2^{tm1Avla}/Rag2^{tm1Avla}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

O'Sullivan T, et al. (2012) Cancer immunoediting by the innate immune system in the absence of adaptive immunity. The Journal of experimental medicine, 209(10), 1869.