Resource Summary Report

Generated by dkNET on Aug 7, 2026

Fcer1g^{tm1Rav}/Fcer1g^{tm1Rav}

RRID:MGI:2448612
Type: Organism

Proper Citation

RRID:MGI:2448612

Organism Information

URL:

Proper Citation: RRID:MGI:2448612

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

Species: Mus musculus

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

Phenotype: decreased susceptibility to type I hypersensitivity reaction, decreased myocardial infarction size, abnormal platelet activation, impaired macrophage phagocytosis, decreased platelet aggregation, increased IgE level, abnormal immune cell physiology, abnormal immunoglobulin level, decreased platelet calcium level, skeleton phenotype, decreased susceptibility to experimental autoimmune encephalomyelitis, abnormal NK cell physiology, abnormal dendritic cell antigen presentation, immune system phenotype, abnormal mast cell physiology, decreased susceptibility to type I hypersensitivity reaction

Affected Gene: Fcer1g

Genomic Alteration: tm1Rav

Catalog Number: 2448612

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:15073337, PMID:16246361, PMID:12586747, PMID:12576552, PMID:9062348, PMID:7650493, PMID:11911824, PMID:8313472

Organism Name: Fcer1g^{tm1Rav}/Fcer1g^{tm1Rav}

Record Creation Time: 20240120T190746+0000

Record Last Update: 20240130T202106+0000

Ratings and Alerts

No rating or validation information has been found for Fcer1g^{tm1Rav}/Fcer1g^{tm1Rav}.

No alerts have been found for Fcer1g^{tm1Rav}/Fcer1g^{tm1Rav}.

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 dkNET .

Duhan V, et al. (2025) FcR??-Dependent NK Cell Licensing through CD244 Promotes Antitumor Immunity. Cancer immunology research, 13(12), 2075.