

# Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

## [Fcer1g<sup>tm1Rav</sup>/Fcer1g<sup>tm1Rav</sup>](#)

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<sup>tm1Rav</sup>/Fcer1g<sup>tm1Rav</sup>

**Record Creation Time:** 20240120T190746+0000

**Record Last Update:** 20240130T202106+0000

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## Ratings and Alerts

No rating or validation information has been found for Fcer1g<sup>tm1Rav</sup>/Fcer1g<sup>tm1Rav</sup>.

No alerts have been found for Fcer1g<sup>tm1Rav</sup>/Fcer1g<sup>tm1Rav</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.