

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

[Rac2^{tm1Mddw}/Rac2^{tm1Mddw}](#)

RRID:MGI:3840460

Type: Organism

Proper Citation

RRID:MGI:3840460

Organism Information

URL:

Proper Citation: RRID:MGI:3840460

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

Species: Mus musculus

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

Phenotype: abnormal neutrophil physiology, increased leukocyte cell number, increased sensitivity to induced morbidity/mortality, decreased T cell proliferation, increased neutrophil cell number, abnormal granulocyte differentiation, increased susceptibility to bacterial infection, decreased leukocyte cell number, decreased neutrophil cell number, impaired neutrophil chemotaxis

Affected Gene: Rac2

Genomic Alteration: tm1Mddw

Catalog Number: 3840460

Background: involves: 129S/SvEv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10072071](#), [PMID:11581314](#)

Organism Name: Rac2^{tm1Mddw}/Rac2^{tm1Mddw}

Record Creation Time: 20240120T190346+0000

Record Last Update: 20240130T201849+0000

Ratings and Alerts

No rating or validation information has been found for Rac2^{tm1Mddw}/Rac2^{tm1Mddw}.

No alerts have been found for Rac2^{tm1Mddw}/Rac2^{tm1Mddw}.

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](#) .

Collins TN, et al. (2018) Crk proteins transduce FGF signaling to promote lens fiber cell elongation. eLife, 7.