

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

[C3ar1^{tm1Cge}/C3ar1^{tm1Cge}](#)

RRID:MGI:2449064

Type: Organism

Proper Citation

RRID:MGI:2449064

Organism Information

URL:

Proper Citation: RRID:MGI:2449064

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

Species: Mus musculus

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

Phenotype: decreased airway responsiveness, mortality/aging

Affected Gene: C3ar1

Genomic Alteration: tm1Cge

Catalog Number: 2449064

Background: involves: 129S4/SvJae * BALB/c

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10984054](#)

Organism Name: C3ar1^{tm1Cge}/C3ar1^{tm1Cge}

Record Creation Time: 20240120T190745+0000

Record Last Update: 20240130T202106+0000

Ratings and Alerts

No rating or validation information has been found for C3ar1^{tm1Cge}/C3ar1^{tm1Cge}.

No alerts have been found for C3ar1^{tm1Cge}/C3ar1^{tm1Cge}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Budge KL, et al. (2023) Decay-Accelerating Factor Restrains Complement Activation and Delays Progression of Murine cBSA-Induced Membranous Nephropathy. *Kidney360*, 4(6), e769.

Wysoczynski M, et al. (2009) Defective engraftment of C3aR^{-/-} hematopoietic stem progenitor cells shows a novel role of the C3a-C3aR axis in bone marrow homing. *Leukemia*, 23(8), 1455.