

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Icam2^{tm1Jcgr}/Icam2^{tm1Jcgr}](#)

RRID:MGI:2682014

Type: Organism

Proper Citation

RRID:MGI:2682014

Organism Information

URL:

Proper Citation: RRID:MGI:2682014

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

Species: Mus musculus

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

Phenotype: abnormal megakaryocyte progenitor cell morphology, increased airway responsiveness, abnormal eosinophil physiology

Affected Gene: Icam2

Genomic Alteration: tm1Jcgr

Catalog Number: 2682014

Background: involves: 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10023766](#)

Organism Name: Icam2^{tm1Jcgr}/Icam2^{tm1Jcgr}

Record Creation Time: 20240120T190718+0000

Record Last Update: 20240130T202050+0000

Ratings and Alerts

No rating or validation information has been found for Icam2^{tm1Jcgr}/Icam2^{tm1Jcgr}.

No alerts have been found for Icam2^{tm1Jcgr}/Icam2^{tm1Jcgr}.

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](#) .

Haghighat Jahromi N, et al. (2019) Intercellular Adhesion Molecule-1 (ICAM-1) and ICAM-2 Differentially Contribute to Peripheral Activation and CNS Entry of Autoaggressive Th1 and Th17 Cells in Experimental Autoimmune Encephalomyelitis. *Frontiers in immunology*, 10, 3056.

Rudolph H, et al. (2016) Postarrest stalling rather than crawling favors CD8(+) over CD4(+) T-cell migration across the blood-brain barrier under flow in vitro. *European journal of immunology*, 46(9), 2187.