

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[Rcan1^{tm1Jmol}/Rcan1^{tm1Jmol}](#); [Rcan2^{tm1Jmol}/Rcan2^{tm1Jmol}](#)

RRID:MGI:3652924

Type: Organism

Proper Citation

RRID:MGI:3652924

Organism Information

URL:

Proper Citation: RRID:MGI:3652924

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

Species: Mus musculus

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

Phenotype: abnormal object recognition memory, hyperactivity, abnormal myocardium layer morphology, decreased T cell proliferation, abnormal CD4-positive, alpha-beta T cell physiology, altered response to myocardial infarction, decreased response of heart to induced stress, abnormal cytokine secretion

Affected Gene: Rcan1, Rcan2

Genomic Alteration: tm1Jmol

Catalog Number: 3652924

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16648267](#)

Organism Name: Rcan1^{tm1Jmol}/Rcan1^{tm1Jmol}; Rcan2^{tm1Jmol}/Rcan2^{tm1Jmol}

Record Creation Time: 20240120T190550+0000

Record Last Update: 20240130T201959+0000

Ratings and Alerts

No rating or validation information has been found for Rcan1^{tm1Jmol}/Rcan1^{tm1Jmol}; Rcan2^{tm1Jmol}/Rcan2^{tm1Jmol}.

No alerts have been found for Rcan1^{tm1Jmol}/Rcan1^{tm1Jmol}; Rcan2^{tm1Jmol}/Rcan2^{tm1Jmol}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.