

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

[Sgms1^{tm1Jia}/Sgms1^{tm1Jia}](#)

RRID:MGI:5693567

Type: Organism

Proper Citation

RRID:MGI:5693567

Organism Information

URL:

Proper Citation: RRID:MGI:5693567

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

Species: Mus musculus

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

Phenotype: abnormal cytokine level, decreased interleukin-6 secretion, abnormal sphingomyelin level, abnormal cytokine secretion, abnormal ceramide level, homeostasis/metabolism phenotype, decreased circulating tumor necrosis factor level, decreased circulating interleukin-6 level, decreased tumor necrosis factor secretion

Affected Gene: Sgms1

Genomic Alteration: tm1Jia

Catalog Number: 5693567

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22580896](#)

Organism Name: Sgms1^{tm1Jia}/Sgms1^{tm1Jia}

Record Creation Time: 20240120T185934+0000

Record Last Update: 20240130T201621+0000

Ratings and Alerts

No rating or validation information has been found for Sgms1^{tm1Jia}/Sgms1^{tm1Jia}.

No alerts have been found for Sgms1^{tm1Jia}/Sgms1^{tm1Jia}.

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.