

Resource Summary Report

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

[Sit1^{tm1Lsmn}/Sit1^{tm1Lsmn}](#)

RRID:MGI:3589734

Type: Organism

Proper Citation

RRID:MGI:3589734

Organism Information

URL:

Proper Citation: RRID:MGI:3589734

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

Species: Mus musculus

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

Phenotype: abnormal cytokine secretion, increased mature gamma-delta T cell number, decreased CD4-positive, alpha beta T cell number, decreased CD8-positive, alpha-beta T cell number, abnormal T-helper 1 cell differentiation, abnormal T cell differentiation, increased tumor necrosis factor secretion, increased interferon-gamma secretion, increased interleukin-2 secretion, abnormal lymphocyte cell number, increased T cell proliferation, increased double-positive T cell number, increased susceptibility to experimental autoimmune encephalomyelitis, lymph node hypoplasia, thymus hyperplasia

Affected Gene: Sit1

Genomic Alteration: tm1Lsmn

Catalog Number: 3589734

Background: B6.Cg-Sit1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16107703](#)

Organism Name: Sit1^{tm1Lsmn}/Sit1^{tm1Lsmn}

Record Creation Time: 20240120T190621+0000

Record Last Update: 20240130T202017+0000

Ratings and Alerts

No rating or validation information has been found for Sit1^{tm1Lsmn}/Sit1^{tm1Lsmn}.

No alerts have been found for Sit1^{tm1Lsmn}/Sit1^{tm1Lsmn}.

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.