

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

C57BL/6J-Slfn2^{m1Btlr}/Mmucd

RRID:MMRRC_031705-UCD

Type: Organism

Proper Citation

RRID:MMRRC_031705-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=31705

Proper Citation: RRID:MMRRC_031705-UCD

Description: Mus musculus with name C57BL/6J-Slfn2^{m1Btlr}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Immunology and Inflammation, Research Tools;
Mutation Type: chemically induced mutation ; Collection: Beutler Mutagenetix

Phenotype: increased neutrophil cell number [MP:0000219]| decreased monocyte cell number [MP:0000223]| abnormal T cell activation [MP:0001828]| increased susceptibility to bacterial infection [MP:0002412]| increased susceptibility to viral infection [MP:0002418]| abnormal leukocyte physiology [MP:0002442]| abnormal nitric oxide homeostasis [MP:0003957]| abnormal T cell proliferation [MP:0005094]| decreased T cell proliferation [MP:0005095]| increased T cell apoptosis [MP:0006413]| decreased CD4-positive [MP:0008075]| alpha beta T cell number [MP:0008079]| decreased CD8-positive [MP:0009788]| alpha-beta T cell number [MP:0009791]

Affected Gene: Slfn2

Catalog Number: 031705-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20190759](#)

Alternate IDs: MMRRC_31705-UCD, MMRRC_031705, MMRRC_3175

Organism Name: C57BL/6J-*Slfn2*^{m1Btlr}/Mmucd

Record Creation Time: 20230308T055125+0000

Record Last Update: 20260801T124234+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-*Slfn2*^{m1Btlr}/Mmucd.

No alerts have been found for C57BL/6J-*Slfn2*^{m1Btlr}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Berger M, et al. (2010) An *Slfn2* mutation causes lymphoid and myeloid immunodeficiency due to loss of immune cell quiescence. Nature immunology, 11(4), 335.