

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

C57BL/6N-Sytl1tm1a(KOMP)Wtsi/Mmucd

RRID:MMRRC_049960-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049960-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49960

Proper Citation: RRID:MMRRC_049960-UCD

Description: Mus musculus with name C57BL/6N-Sytl1tm1a(KOMP)Wtsi/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: increased mean platelet volume [MP:0002599]| increased hematocrit [MP:0002608]| decreased hemoglobin content [MP:0002874]| vertebral transformation [MP:0003036]| abnormal locomotor coordination [MP:0003312]| epididymal inflammation [MP:0003596]| caudal vertebral transformation [MP:0004614]| increased regulatory T cell number [MP:0004973]| decreased T cell number [MP:0005018]| CNS inflammation [MP:0006082]| decreased CD4-positive [MP:0008075]| alpha beta T cell number [MP:0008211]| decreased mature B cell number [MP:0008497]| decreased IgG2b level [MP:0008805]

Affected Gene: Sytl1

Catalog Number: 049960-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_49960-UCD, MMRRC_049960, MMRRC_4996

Organism Name: C57BL/6N-Sytl1tm1a(KOMP)Wtsi/Mmucd

Record Creation Time: 20230308T055308+0000

Record Last Update: 20260808T124440+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Sytl1tm1a(KOMP)Wtsi/Mmucd.

No alerts have been found for C57BL/6N-Sytl1tm1a(KOMP)Wtsi/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.