

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

B6;129S5-Slc29a3^{tm1Lex}/Mmucd

RRID:MMRRC_032580-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032580-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32580

Proper Citation: RRID:MMRRC_032580-UCD

Description: Mus musculus with name B6;129S5-Slc29a3^{tm1Lex}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: extramedullary hematopoiesis [MP:0000240]| enlarged spleen [MP:0000691]| enlarged lymph nodes [MP:0000702]| premature death [MP:0002083]| increased susceptibility to bacterial infection [MP:0002412]| abnormal macrophage morphology [MP:0002446]| abnormal macrophage physiology [MP:0002451]| abnormal lysosome physiology [MP:0003172]| increased macrophage cell number [MP:0005425]| increased histiocytic sarcoma incidence [MP:0009321]| increased susceptibility to bacterial infection induced morbidity/mortality [MP:0009788]| myeloid hyperplasia [MP:0010373]| increased macrophage apoptosis [MP:0011080]

Affected Gene: Slc29a3

Catalog Number: 032580-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20562862](#)

Alternate IDs: MMRRC_32580-UCD, MMRRC_032580, MMRRC_3258

Organism Name: B6;129S5-Slc29a3^{tm1Lex}/Mmucd

Record Creation Time: 20230308T055129+0000

Record Last Update: 20260801T124249+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Slc29a3*^{tm1Lex}/Mmucd.

No alerts have been found for B6;129S5-*Slc29a3*^{tm1Lex}/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 [RRID](#) .

Bissa B, et al. (2026) SLC29A1/ENT1 and SLC29A3/ENT3 differentially regulate autophagy. Autophagy, 22(6), 1401.