

# Resource Summary Report

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

## B6;129S5-Slc29a3<sup>tm1Lex</sup>/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](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32580)

**Proper Citation:** RRID:MMRRC\_032580-UCD

**Description:** Mus musculus with name B6;129S5-Slc29a3<sup>tm1Lex</sup>/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<sup>tm1Lex</sup>/Mmucd

**Record Creation Time:** 20230308T055129+0000

**Record Last Update:** 20260801T124249+0000

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## Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Slc29a3*<sup>tm1Lex</sup>/Mmucd.

No alerts have been found for B6;129S5-*Slc29a3*<sup>tm1Lex</sup>/Mmucd.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## 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.