

# Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

## C57BL/6N-Mfsd2btm1a(KOMP)Wtsi/Mmucd

RRID:MMRRC\_048596-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_048596-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=48596](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48596)

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**Description:** Mus musculus with name C57BL/6N-Mfsd2btm1a(KOMP)Wtsi/Mmucd from MMRRC.

**Species:** Mus musculus

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

**Phenotype:** decreased leukocyte cell number [MP:0000221]| abnormal mean corpuscular volume [MP:0000226]| abnormal erythropoiesis [MP:0000245]| enlarged spleen [MP:0000691]| decreased erythrocyte cell number [MP:0002875]| decreased circulating iron level [MP:0004151]| decreased B cell number [MP:0005017]| decreased T cell number [MP:0005018]| increased mean corpuscular hemoglobin [MP:0005561]| increased susceptibility to type I hypersensitivity reaction [MP:0005596]| reticulocytopenia [MP:0008941]| stomatocytosis [MP:0010074]| hemolysis [MP:0010163]| abnormal ceramide level [MP:0012232]| increased sphingosine level [MP:0020116]| decreased sphingosine level [MP:0020117]

**Affected Gene:** Mfsd2b

**Catalog Number:** 048596-UCD

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:21677750](#)

**Alternate IDs:** MMRRC\_48596-UCD, MMRRC\_048596, MMRRC\_48596

**Organism Name:** C57BL/6N-*Mfsd2btm1a*(KOMP)*Wtsi*/Mmucd

**Record Creation Time:** 20230308T055258+0000

**Record Last Update:** 20260801T124713+0000

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## Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Mfsd2btm1a*(KOMP)*Wtsi*/Mmucd.

No alerts have been found for C57BL/6N-*Mfsd2btm1a*(KOMP)*Wtsi*/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 have not found any literature mentions for this resource.