

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

KOMP ES cell line *Mfsd2btm1a(KOMP)Wtsi*

RRID:MMRRC_058568-UCD

Type: Organism

Proper Citation

RRID:MMRRC_058568-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=58568

Proper Citation: RRID:MMRRC_058568-UCD

Description: Mus musculus with name KOMP ES cell line *Mfsd2btm1a(KOMP)Wtsi* 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: 058568-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_58568-UCD, MMRRC_058568, MMRRC_58568

Organism Name: KOMP ES cell line *Mfsd2btm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055409+0000

Record Last Update: 20260815T130203+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Mfsd2btm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Mfsd2btm1a(KOMP)Wtsi*.

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.