

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

B6;129S5-Mfsd2a^{tm1Lex}/Mmucd

RRID:MMRRC_032467-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032467-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32467

Proper Citation: RRID:MMRRC_032467-UCD

Description: Mus musculus with name B6;129S5-Mfsd2a^{tm1Lex}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal vascular endothelial cell physiology [MP:0004003]| abnormal blood-brain barrier function [MP:0005167]| abnormal vesicle-mediated transport [MP:0008546]

Affected Gene: Mfsd2a

Catalog Number: 032467-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20562862](#)

Alternate IDs: MMRRC_32467-UCD, MMRRC_032467, MMRRC_32467

Organism Name: B6;129S5-Mfsd2a^{tm1Lex}/Mmucd

Record Creation Time: 20230308T055128+0000

Record Last Update: 20260815T124632+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Mfsd2a*^{tm1Lex}/Mmucd.

No alerts have been found for B6;129S5-*Mfsd2a*^{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 [NIF](#) .

Ben-Zvi A, et al. (2014) *Mfsd2a* is critical for the formation and function of the blood-brain barrier. *Nature*, 509(7501), 507.