

# Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

## [Mfsd2a<sup>tm1Lex</sup>/Mfsd2a<sup>tm1Lex</sup>](#)

RRID:MGI:5755244

Type: Organism

### Proper Citation

RRID:MGI:5755244

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5755244

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** abnormal blood-brain barrier function, cardiovascular system phenotype, abnormal vesicle-mediated transport, abnormal vascular endothelial cell physiology

**Affected Gene:** Mfsd2a

**Genomic Alteration:** tm1Lex

**Catalog Number:** 5755244

**Background:** B6;129S5-Mfsd2a/Mmucd

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:24828040](#)

**Organism Name:** Mfsd2a<sup>tm1Lex</sup>/Mfsd2a<sup>tm1Lex</sup>

**Record Creation Time:** 20240120T185922+0000

**Record Last Update:** 20240130T201613+0000

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## Ratings and Alerts

No rating or validation information has been found for Mfsd2a<sup>tm1Lex</sup>/Mfsd2a<sup>tm1Lex</sup>.

No alerts have been found for Mfsd2a<sup>tm1Lex</sup>/Mfsd2a<sup>tm1Lex</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Andreone BJ, et al. (2017) Blood-Brain Barrier Permeability Is Regulated by Lipid Transport-Dependent Suppression of Caveolae-Mediated Transcytosis. *Neuron*, 94(3), 581.

Chow BW, et al. (2017) Gradual Suppression of Transcytosis Governs Functional Blood-Retinal Barrier Formation. *Neuron*, 93(6), 1325.