

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

[Myo7b^{tm1b\(EUCOMM\)Hmgu}/Myo7b^{tm1b\(EUCOMM\)Hmgu}](#)

RRID:MGI:5757392
Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5757392

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

Species: Mus musculus

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

Phenotype: decreased circulating glucose level, increased circulating sodium level

Affected Gene: Myo7b

Genomic Alteration: tm1b(EUCOMM)Hmgu

Catalog Number: 5757392

Background: C57BL/6N-Myo7b/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: Myo7b^{tm1b(EUCOMM)Hmgu}/Myo7b^{tm1b(EUCOMM)Hmgu}

Record Creation Time: 20240120T185916+0000

Record Last Update: 20240130T201610+0000

Ratings and Alerts

No rating or validation information has been found for Myo7b^{tm1b(EUCOMM)Hmgu}/Myo7b^{tm1b(EUCOMM)Hmgu}.

No alerts have been found for Myo7b^{tm1b(EUCOMM)Hmgu}/Myo7b^{tm1b(EUCOMM)Hmgu}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Choi MS, et al. (2020) The small EF-hand protein CALML4 functions as a critical myosin light chain within the intermicrovillar adhesion complex. The Journal of biological chemistry, 295(28), 9281.