

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

[Sema3f^{tm1b\(EUCOMM\)Hmgu}/Sema3f^{tm1b\(EUCOMM\)Hmgu}](#)

RRID:MGI:5642467

Type: Organism

Proper Citation

RRID:MGI:5642467

Organism Information

URL:

Proper Citation: RRID:MGI:5642467

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

Species: Mus musculus

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

Phenotype: abnormal bone structure, limb grasping, increased or absent threshold for auditory brainstem response, decreased total body fat amount, decreased bone mineral density, decreased circulating total protein level, hypoactivity, increased startle reflex, abnormal gait, decreased rib number, partial preweaning lethality, decreased lean body mass, increased circulating iron level, decreased bone mineral content, abnormal nail morphology, cataract, decreased circulating serum albumin level

Affected Gene: Sema3f

Genomic Alteration: tm1b(EUCOMM)Hmgu

Catalog Number: 5642467

Background: C57BL/6N-Sema3f/H

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Not Available

Organism Name: Sema3f^{tm1b(EUCOMM)Hmgu}/Sema3f^{tm1b(EUCOMM)Hmgu}

Record Creation Time: 20240120T185714+0000

Record Last Update: 20240130T201457+0000

Ratings and Alerts

No rating or validation information has been found for Sema3f^{tm1b}(EUCOMM)Hmgu/Sema3f^{tm1b}(EUCOMM)Hmgu.

No alerts have been found for Sema3f^{tm1b}(EUCOMM)Hmgu/Sema3f^{tm1b}(EUCOMM)Hmgu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.