

Resource Summary Report

Generated by [kravitz2](#) on Sep 15, 2026

C57BL/6N-Sema3f^{tm1c(EUCOMM)}Hmgu/H

RRID:IMSR_EM:09031

Type: Organism

Proper Citation

RRID:IMSR_EM:09031

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=9031>

Proper Citation: RRID:IMSR_EM:09031

Description: Mus musculus with name C57BL/6N-Sema3f^{tm1c(EUCOMM)}Hmgu/H from IMSR.

Species: Mus musculus

Synonyms: B6NTac;B6N-A Sema3f/H

Notes: gene symbol note: sema domain; immunoglobulin domain (Ig); short basic domain; secreted; (semaphorin) 3F; mutant strain: Sema3f

Affected Gene: sema domain; immunoglobulin domain (Ig); short basic domain; secreted; (semaphorin) 3F

Genomic Alteration: targeted mutation 1c; Helmholtz Zentrum Muenchen GmbH

Catalog Number: EM:09031

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: MGI:6122157, IMSR_HAR:6706

Organism Name: C57BL/6N-Sema3f^{tm1c(EUCOMM)}Hmgu/H

Record Creation Time: 20250513T062249+0000

Record Last Update: 20260912T065206+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Sema3f^{tm1c(EUCOMM)Hmgu/H}.

No alerts have been found for C57BL/6N-Sema3f^{tm1c(EUCOMM)Hmgu/H}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Joo SY, et al. (2025) Biallelic variants of SEMA3F are associated with nonsyndromic hearing loss. Molecules and cells, 48(3), 100190.