

Resource Summary Report

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

C57BL/6-Sema3g^{tm1(KOMP)Vlcg}/MukoMmucd

RRID:MMRRC_042301-UCD

Type: Organism

Proper Citation

RRID:MMRRC_042301-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=42301

Proper Citation: RRID:MMRRC_042301-UCD

Description: Mus musculus with name C57BL/6-Sema3g^{tm1(KOMP)Vlcg}/MukoMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Developmental Biology, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal lymphatic vessel morphology [MP:0001879]| lymphatic vessel hyperplasia [MP:0004106]| abnormal lymphatic vessel endothelial cell morphology [MP:0010197]

Affected Gene: Sema3g

Catalog Number: 042301-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_42301-UCD, MMRRC_042301, MMRRC_4231

Organism Name: C57BL/6-Sema3g^{tm1(KOMP)Vlcg}/MukoMmucd

Record Creation Time: 20230308T055224+0000

Record Last Update: 20260912T135010+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-*Sema3g^{tm1(KOMP)Vlcg}*/MukoMmucd.

No alerts have been found for C57BL/6-*Sema3g^{tm1(KOMP)Vlcg}*/MukoMmucd.

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 [dkNET](#) .

Weibel R, et al. (2013) Mu opioid receptors on primary afferent nav1.8 neurons contribute to opiate-induced analgesia: insight from conditional knockout mice. PloS one, 8(9), e74706.