

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

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

RRID:IMSR_EM:10448

Type: Organism

Proper Citation

RRID:IMSR_EM:10448

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=10448>

Proper Citation: RRID:IMSR_EM:10448

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

Species: Mus musculus

Synonyms: B6NTac;B6N-A Mcu/H

Notes: gene symbol note: mitochondrial calcium uniporter; mutant strain: Mcu

Affected Gene: mitochondrial calcium uniporter

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

Catalog Number: EM:10448

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: MGI:6122827, IMSR_HAR:6910

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

Record Creation Time: 20250513T062259+0000

Record Last Update: 20260829T054611+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6N-Mcu^{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 [dkNET](#) .

Gherardi G, et al. (2019) Loss of mitochondrial calcium uniporter rewires skeletal muscle metabolism and substrate preference. Cell death and differentiation, 26(2), 362.