

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

C57BL/6N-Ramp1^{tm1a(EUCOMM)Wtsi/H}

RRID:IMSR_EM:07401

Type: Organism

Proper Citation

RRID:IMSR_EM:07401

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=7401>

Proper Citation: RRID:IMSR_EM:07401

Description: Mus musculus with name C57BL/6N-Ramp1^{tm1a(EUCOMM)Wtsi/H} from IMSR.

Species: Mus musculus

Synonyms: B6NTac;B6N-Ramp1/H. EPD0843_4_B11

Notes: gene symbol note: receptor (calcitonin) activity modifying protein 1; mutant strain: Ramp1

Affected Gene: receptor (calcitonin) activity modifying protein 1

Genomic Alteration: targeted mutation 1a; Wellcome Trust Sanger Institute

Catalog Number: EM:07401

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: MGI:5557367, IMSR_HAR:5838

Organism Name: C57BL/6N-Ramp1^{tm1a(EUCOMM)Wtsi/H}

Record Creation Time: 20250513T062238+0000

Record Last Update: 20260725T053007+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Ramp1^{tm1a(EUCOMM)Wtsi/H}.

No alerts have been found for C57BL/6N-Ramp1^{tm1a(EUCOMM)Wtsi/H}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Landini L, et al. (2023) Acetaldehyde via CGRP receptor and TRPA1 in Schwann cells mediates ethanol-evoked periorbital mechanical allodynia in mice: relevance for migraine. Journal of biomedical science, 30(1), 28.

Yang D, et al. (2022) Nociceptor neurons direct goblet cells via a CGRP-RAMP1 axis to drive mucus production and gut barrier protection. Cell, 185(22), 4190.

De Logu F, et al. (2022) Schwann cell endosome CGRP signals elicit periorbital mechanical allodynia in mice. Nature communications, 13(1), 646.