

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

Ccdc84^{tm1a}(EUCOMM)Hmgu

RRID:IMSR_EUMMCR:4196

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:4196

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:4196

Description: Mus musculus with name Ccdc84^{tm1a}(EUCOMM)Hmgu from IMSR.

Species: Mus musculus

Notes: gene symbol note: coiled-coil domain containing 84; mutant strain: Ccdc84

Affected Gene: coiled-coil domain containing 84

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

Catalog Number: EUMMCR:4196

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Ccdc84^{tm1a}(EUCOMM)Hmgu

Record Creation Time: 20250513T061801+0000

Record Last Update: 20260815T055157+0000

Ratings and Alerts

No rating or validation information has been found for Ccdc84^{tm1a}(EUCOMM)Hmgu.

No alerts have been found for Ccdc84^{tm1a}(EUCOMM)Hmgu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Sekhon H, et al. (2025) DeepRNA-Reg: a deep-learning based approach for comparative analysis of CLIP experiments. RNA biology, 22(1), 1.

Das M, et al. (2025) S. aureus exposure during cutaneous antigen sensitization causes basophil- and interleukin-4-dependent exaggerated food anaphylaxis. Immunity.

Janssen E, et al. (2025) DOCK8 in T cells promotes Th17 and Treg cell functionality to restrain mucosal mast cells and limit susceptibility to oral anaphylaxis. Immunity, 58(7), 1794.

Johansson K, et al. (2023) An essential role for miR-15/16 in Treg suppression and restriction of proliferation. Cell reports, 42(10), 113298.

Petkau G, et al. (2022) The timing of differentiation and potency of CD8 effector function is set by RNA binding proteins. Nature communications, 13(1), 2274.

Okano M, et al. (2022) Interleukin-33-activated neuropeptide CGRP-producing memory Th2 cells cooperate with somatosensory neurons to induce conjunctival itch. Immunity, 55(12), 2352.

Dai B, et al. (2021) Dual targeting of lymphocyte homing and retention through $\alpha 4\beta 7$ and $\alpha E\beta 7$ inhibition in inflammatory bowel disease. Cell reports. Medicine, 2(8), 100381.

Medina CB, et al. (2021) Pannexin 1 channels facilitate communication between T cells to restrict the severity of airway inflammation. Immunity, 54(8), 1715.

Miah SMS, et al. (2017) Ptpn11 Deletion in CD4+ Cells Does Not Affect T Cell Development and Functions but Causes Cartilage Tumors in a T Cell-Independent Manner. Frontiers in immunology, 8, 1326.

Zamora-Pineda J, et al. (2016) Dendritic cell sphingosine-1-phosphate lyase regulates thymic egress. The Journal of experimental medicine, 213(12), 2773.

Basu R, et al. (2015) IL-1 signaling modulates activation of STAT transcription factors to antagonize retinoic acid signaling and control the TH17 cell-iTreg cell balance. Nature immunology, 16(3), 286.

Naik E, et al. (2014) Regulation of proximal T cell receptor signaling and tolerance induction by deubiquitinase Usp9X. The Journal of experimental medicine, 211(10), 1947.

Vanoaica L, et al. (2014) Conditional deletion of ferritin h in mice reduces B and T lymphocyte populations. PloS one, 9(2), e89270.