

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

Uqcc2^{tm2a}(EUComm)Hmgu

RRID:IMSR_EUMMCR:10977

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:10977

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:10977

Description: Mus musculus with name Uqcc2^{tm2a}(EUComm)Hmgu from IMSR.

Species: Mus musculus

Notes: gene symbol note: ubiquinol-cytochrome c reductase complex assembly factor 2;
mutant strain: Uqcc2

Affected Gene: ubiquinol-cytochrome c reductase complex assembly factor 2

Genomic Alteration: targeted mutation 2a; Helmholtz Zentrum Muenchen GmbH

Catalog Number: EUMMCR:10977

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Uqcc2^{tm2a}(EUComm)Hmgu

Record Creation Time: 20250513T061544+0000

Record Last Update: 20260829T053651+0000

Ratings and Alerts

No rating or validation information has been found for Uqcc2^{tm2a}(EUComm)Hmgu.

No alerts have been found for Uqcc2^{tm2a}(EUComm)Hmgu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ali S, et al. (2026) Butyrophilin 2A2 promotes T cell immunoregulation via CD45 phosphatase activation and protects against murine autoimmune glomerulonephritis and pregnancy loss. *Nature communications*, 17(1), 1325.

Sun XM, et al. (2025) *Trichinella spiralis* adult excretory-secretory antigen promotes peripheral regulatory T cell differentiation and attenuates experimental colitis via TGF- β -like mechanisms. *Parasites & vectors*, 18(1), 240.

Elias-Oliveira J, et al. (2025) *Lactococcus lactis*-HSP65 requires TLR2 to induce tolerogenic dendritic cells and confer protection against type 1 diabetes in a murine model. *Cellular and molecular life sciences : CMLS*, 82(1), 435.

Fu D, et al. (2025) Dual targeting of tumoral cells and immune microenvironment by blocking the IL-33/IL1RL1 pathway. *Nature communications*, 16(1), 6369.

Pan J, et al. (2025) Bezafibrate-driven mitochondrial targeting enhances antitumor immunity and prevents lung cancer via CD8⁺ T cell infiltration and MDSC reduction. *Frontiers in immunology*, 16, 1539808.

Camacho V, et al. (2025) Major histocompatibility complex class II-expressing bone marrow megakaryocytes activate CD4⁺ T cells and induce regulatory T cell fate. *bioRxiv : the preprint server for biology*.