

Resource Summary Report

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

[Rnf149^{tm1a}\(EUCOMM\)Hmgu](#)

RRID:IMSR_EUMMCR:7263

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:7263

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:7263

Description: Mus musculus with name Rnf149^{tm1a}(EUCOMM)Hmgu from IMSR.

Species: Mus musculus

Notes: gene symbol note: ring finger protein 149; mutant strain: Rnf149

Affected Gene: ring finger protein 149

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

Catalog Number: EUMMCR:7263

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Rnf149^{tm1a}(EUCOMM)Hmgu

Record Creation Time: 20250513T061825+0000

Record Last Update: 20260725T052528+0000

Ratings and Alerts

No rating or validation information has been found for Rnf149^{tm1a}(EUCOMM)Hmgu.

No alerts have been found for Rnf149^{tm1a}(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 [RRID](#) .

Xiong TC, et al. (2022) The E3 ubiquitin ligase ARIH1 promotes antiviral immunity and autoimmunity by inducing mono-ISGylation and oligomerization of cGAS. Nature communications, 13(1), 5973.

Choi J, et al. (2022) Estrogen-Related Receptor ?? Maintains Pancreatic Acinar Cell Function and Identity by Regulating Cellular Metabolism. Gastroenterology, 163(1), 239.

Yao C, et al. (2021) BACH2 enforces the transcriptional and epigenetic programs of stem-like CD8+ T cells. Nature immunology, 22(3), 370.

Cai Z, et al. (2020) USP22 promotes IRF3 nuclear translocation and antiviral responses by deubiquitinating the importin protein KPNA2. The Journal of experimental medicine, 217(5).

Castillo-Tandazo W, et al. (2019) ATP-dependent helicase activity is dispensable for the physiological functions of Recql4. PLoS genetics, 15(7), e1008266.

Ng AJ, et al. (2015) The DNA helicase recql4 is required for normal osteoblast expansion and osteosarcoma formation. PLoS genetics, 11(4), e1005160.