

Resource Summary Report

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

[Garnl3^{tm1a}\(EUCOMM\)Hmgu](#)

RRID:IMSR_EUMMCR:4167

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:4167

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:4167

Description: Mus musculus with name Garnl3^{tm1a}(EUCOMM)Hmgu from IMSR.

Species: Mus musculus

Notes: gene symbol note: GTPase activating RANGAP domain-like 3; mutant strain: Garnl3

Affected Gene: GTPase activating RANGAP domain-like 3

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

Catalog Number: EUMMCR:4167

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Garnl3^{tm1a}(EUCOMM)Hmgu

Record Creation Time: 20250513T061801+0000

Record Last Update: 20260829T053946+0000

Ratings and Alerts

No rating or validation information has been found for Garnl3^{tm1a}(EUCOMM)Hmgu.

No alerts have been found for Garnl3^{tm1a}(EUCOMM)Hmgu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Izumi G, et al. (2021) CD11b+ lung dendritic cells at different stages of maturation induce Th17 or Th2 differentiation. Nature communications, 12(1), 5029.

Jeong D, et al. (2021) Soluble Fas ligand drives autoantibody-induced arthritis by binding to DR5/TRAIL-R2. eLife, 10.

Montesinos J, et al. (2020) Cocaine-induced changes in CX3CL1 and inflammatory signaling pathways in the hippocampus: Association with IL1???. Neuropharmacology, 162, 107840.

Montagud-Romero S, et al. (2020) Social defeat-induced increase in the conditioned rewarding effects of cocaine: Role of CX3CL1. Progress in neuro-psychopharmacology & biological psychiatry, 96, 109753.