

Resource Summary Report

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

Mob1b^{tm1a}(EUCOMM)Hmgu

RRID:IMSR_EUMMCR:7089

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:7089

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:7089

Description: Mus musculus with name Mob1b^{tm1a}(EUCOMM)Hmgu from IMSR.

Species: Mus musculus

Notes: gene symbol note: MOB kinase activator 1B; mutant strain: Mob1b

Affected Gene: MOB kinase activator 1B

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

Catalog Number: EUMMCR:7089

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Mob1b^{tm1a}(EUCOMM)Hmgu

Record Creation Time: 20250513T061824+0000

Record Last Update: 20260725T052527+0000

Ratings and Alerts

No rating or validation information has been found for Mob1b^{tm1a}(EUCOMM)Hmgu.

No alerts have been found for Mob1b^{tm1a}(EUCOMM)Hmgu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

González-García I, et al. (2023) Estradiol regulates leptin sensitivity to control feeding via hypothalamic Cited1. *Cell metabolism*, 35(3), 438.

Fazio A, et al. (2022) DNA methyltransferase 3A controls intestinal epithelial barrier function and regeneration in the colon. *Nature communications*, 13(1), 6266.

Rodrigues M, et al. (2022) TAK1 protein kinase activity is required for TLR signalling and cytokine production in myeloid cells. *The Biochemical journal*, 479(17), 1891.

Han BY, et al. (2020) Global translation during early development depends on the essential transcription factor PRDM10. *Nature communications*, 11(1), 3603.

Humphries F, et al. (2018) The E3 ubiquitin ligase Pellino2 mediates priming of the NLRP3 inflammasome. *Nature communications*, 9(1), 1560.

Della Torre S, et al. (2018) Short-Term Fasting Reveals Amino Acid Metabolism as a Major Sex-Discriminating Factor in the Liver. *Cell metabolism*, 28(2), 256.

Heink S, et al. (2017) Trans-presentation of IL-6 by dendritic cells is required for the priming of pathogenic TH17 cells. *Nature immunology*, 18(1), 74.

Svensson KA, et al. (2017) An Allosteric Potentiator of the Dopamine D1 Receptor Increases Locomotor Activity in Human D1 Knock-In Mice without Causing Stereotypy or Tachyphylaxis. *The Journal of pharmacology and experimental therapeutics*, 360(1), 117.

Simons JP, et al. (2014) C-reactive protein is essential for innate resistance to pneumococcal infection. *Immunology*, 142(3), 414.

Fre S, et al. (2011) Notch lineages and activity in intestinal stem cells determined by a new set of knock-in mice. *PloS one*, 6(10), e25785.