

Resource Summary Report

Generated by [NIF](#) on Aug 29, 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: 20260829T054011+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 11 mentions in open access literature.

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

Oakley RH, et al. (2026) Glucocorticoid Receptor Translational Isoforms Generate Unique Glucocorticoid Responses in the Mouse Brain. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(12), e72040.

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.

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.

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

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.