

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

Tmed3^{tm2e}(EUCOMM)Hmgu

RRID:IMSR_EUMMCR:12428

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:12428

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:12428

Description: Mus musculus with name Tmed3^{tm2e}(EUCOMM)Hmgu from IMSR.

Species: Mus musculus

Notes: gene symbol note: transmembrane p24 trafficking protein 3; mutant strain: Tmed3

Affected Gene: transmembrane p24 trafficking protein 3

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

Catalog Number: EUMMCR:12428

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Tmed3^{tm2e}(EUCOMM)Hmgu

Record Creation Time: 20250513T061559+0000

Record Last Update: 20260725T052248+0000

Ratings and Alerts

No rating or validation information has been found for Tmed3^{tm2e}(EUCOMM)Hmgu.

No alerts have been found for Tmed3^{tm2e}(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 [kravitz2](#) .

Williamson I, et al. (2023) Dispersal of PRC1 condensates disrupts polycomb chromatin domains and loops. *Life science alliance*, 6(10).

McLaughlin K, et al. (2019) DNA Methylation Directs Polycomb-Dependent 3D Genome Re-organization in Naive Pluripotency. *Cell reports*, 29(7), 1974.

Rose NR, et al. (2016) RYBP stimulates PRC1 to shape chromatin-based communication between Polycomb repressive complexes. *eLife*, 5.

Illingworth RS, et al. (2015) The E3 ubiquitin ligase activity of RING1B is not essential for early mouse development. *Genes & development*, 29(18), 1897.

Williamson I, et al. (2014) Spatial genome organization: contrasting views from chromosome conformation capture and fluorescence in situ hybridization. *Genes & development*, 28(24), 2778.

Illingworth RS, et al. (2012) PRC1 and PRC2 are not required for targeting of H2A.Z to developmental genes in embryonic stem cells. *PloS one*, 7(4), e34848.