

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

Sec23b^{tm1e(EUCOMM)}Wtsi

RRID:IMSR_EUMMCR:2045

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:2045

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:2045

Description: Mus musculus with name Sec23b^{tm1e(EUCOMM)}Wtsi from IMSR.

Species: Mus musculus

Notes: gene symbol note: SEC23 homolog B; COPII coat complex component; mutant strain: Sec23b

Affected Gene: SEC23 homolog B; COPII coat complex component

Genomic Alteration: targeted mutation 1e; Wellcome Trust Sanger Institute

Catalog Number: EUMMCR:2045

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Sec23b^{tm1e(EUCOMM)}Wtsi

Record Creation Time: 20250513T061700+0000

Record Last Update: 20260815T055046+0000

Ratings and Alerts

No rating or validation information has been found for Sec23b^{tm1e(EUCOMM)}Wtsi.

No alerts have been found for Sec23b^{tm1e(EUCOMM)}Wtsi.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Milligan JC, et al. (2022) Asymmetric and non-stoichiometric glycoprotein recognition by two distinct antibodies results in broad protection against ebolaviruses. *Cell*, 185(6), 995.

Brenner E, et al. (2020) Cancer immune control needs senescence induction by interferon-dependent cell cycle regulator pathways in tumours. *Nature communications*, 11(1), 1335.

Mishra AK, et al. (2020) Structure and Characterization of Crimean-Congo Hemorrhagic Fever Virus GP38. *Journal of virology*, 94(8).

Zuo Y, et al. (2020) Regulation of the linear ubiquitination of STAT1 controls antiviral interferon signaling. *Nature communications*, 11(1), 1146.

Gilchuk P, et al. (2020) Analysis of a Therapeutic Antibody Cocktail Reveals Determinants for Cooperative and Broad Ebolavirus Neutralization. *Immunity*, 52(2), 388.

Muñoz-Moreno R, et al. (2019) Viral Fitness Landscapes in Diverse Host Species Reveal Multiple Evolutionary Lines for the NS1 Gene of Influenza A Viruses. *Cell reports*, 29(12), 3997.

Rodriguez SE, et al. (2019) Vesicular Stomatitis Virus-Based Vaccine Protects Mice against Crimean-Congo Hemorrhagic Fever. *Scientific reports*, 9(1), 7755.

Gilchuk P, et al. (2018) Multifunctional Pan-ebolavirus Antibody Recognizes a Site of Broad Vulnerability on the Ebolavirus Glycoprotein. *Immunity*, 49(2), 363.

Teruya S, et al. (2018) Egr2-independent, Klf1-mediated induction of PD-L1 in CD4+ T cells. *Scientific reports*, 8(1), 7021.

Hooper KM, et al. (2017) Prostaglandin E2 inhibits Tr1 cell differentiation through suppression of c-Maf. *PloS one*, 12(6), e0179184.

von Schaewen M, et al. (2016) Expanding the Host Range of Hepatitis C Virus through Viral Adaptation. *mBio*, 7(6).

Shortland A, et al. (2014) Pathology caused by persistent murine norovirus infection. *The Journal of general virology*, 95(Pt 2), 413.

Davidson S, et al. (2014) Pathogenic potential of interferon ?? in acute influenza infection. *Nature communications*, 5, 3864.