

Resource Summary Report

Generated by [kravitz2](#) on Aug 24, 2026

Chd7^{tm2a(EUCOMM)}Wtsi

RRID:IMSR_EUMMCR:250

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:250

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:250

Description: Mus musculus with name Chd7^{tm2a(EUCOMM)}Wtsi from IMSR.

Species: Mus musculus

Notes: gene symbol note: chromodomain helicase DNA binding protein 7; mutant strain: Chd7

Affected Gene: chromodomain helicase DNA binding protein 7

Genomic Alteration: targeted mutation 2a; Wellcome Trust Sanger Institute

Catalog Number: EUMMCR:250

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Chd7^{tm2a(EUCOMM)}Wtsi

Record Creation Time: 20250513T061744+0000

Record Last Update: 20260815T055134+0000

Ratings and Alerts

No rating or validation information has been found for Chd7^{tm2a(EUCOMM)}Wtsi.

No alerts have been found for Chd7^{tm2a(EUCOMM)}Wtsi.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 31 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Wang Z, et al. (2026) Transcriptional code for circuit integration in the injured brain by transplanted human neurons. *Cell stem cell*, 33(1), 44.

Molotkova A, et al. (2026) ROME, an Ancient Gene with a Novel Function in Vertebrates, Is a Key Modulator of Embryonal Development and Cancer Metastasis. *Cancer research communications*, 6(3), 477.

Fairfield H, et al. (2026) Obesity Accelerates Multiple Myeloma Progression in Certain Mouse Models and in Humans. *Cancer prevention research (Philadelphia, Pa.)*, 19(6), 339.

Papadopoli D, et al. (2026) Mitochondrial ETF insufficiency drives neoplastic growth by selectively optimizing cancer bioenergetics. *eLife*, 14.

Freitas BFA, et al. (2026) Regenerative macrophages enhance stem cell-derived ? cell function and engraftment. *Science advances*, 12(24), eaed4221.

Park VS, et al. (2025) Lipid Composition Alters Ferroptosis Sensitivity. *Cancer research*, 85(22), 4380.

Yan W, et al. (2025) Human stem cell-derived A10 dopaminergic neurons specifically integrate into mouse circuits and improve depression-like behaviors. *Cell stem cell*, 32(9), 1457.

Bershteyn M, et al. (2025) Human stem cell-derived GABAergic interneuron development reveals early emergence of subtype diversity and gradual electrochemical maturation. *Neuron*.

Wang D, et al. (2025) Generation of human nucleus basalis organoids with functional nbM-cortical cholinergic projections in transplanted assembloids. *Cell stem cell*, 32(12), 1833.

Zhang X, et al. (2025) 3D-generation of high-purity midbrain dopaminergic progenitors and lineage-guided refinement of grafts supports Parkinson's disease cell therapy. *Cell stem cell*, 32(11), 1758.

Qian C, et al. (2024) ONECUT2 acts as a lineage plasticity driver in adenocarcinoma as well as neuroendocrine variants of prostate cancer. *Nucleic acids research*, 52(13), 7740.

Gerace D, et al. (2023) Engineering human stem cell-derived islets to evade immune rejection and promote localized immune tolerance. *Cell reports. Medicine*, 4(1), 100879.

Patronas EM, et al. (2023) A fingerprint of 2-[18F]FDG radiometabolites - How tissue-specific metabolism beyond 2-[18F]FDG-6-P could affect tracer accumulation. *iScience*, 26(11), 108137.

You Z, et al. (2023) Mapping of clonal lineages across developmental stages in human neural differentiation. *Cell stem cell*, 30(4), 473.

Trivieri N, et al. (2022) Growth factor independence underpins a paroxysmal, aggressive Wnt5a^{High}/EphA2^{Low} phenotype in glioblastoma stem cells, conducive to experimental combinatorial therapy. *Journal of experimental & clinical cancer research : CR*, 41(1), 139.

Olszewski K, et al. (2022) Inhibition of glucose transport synergizes with chemical or genetic disruption of mitochondrial metabolism and suppresses TCA cycle-deficient tumors. *Cell chemical biology*, 29(3), 423.

Wang L, et al. (2022) PARP-inhibition reprograms macrophages toward an anti-tumor phenotype. *Cell reports*, 41(2), 111462.

Ferrari M, et al. (2021) Novel Bispecific Antibody for Synovial-Specific Target Delivery of Anti-TNF Therapy in Rheumatoid Arthritis. *Frontiers in immunology*, 12, 640070.

Errington TM, et al. (2021) Experiments from unfinished Registered Reports in the Reproducibility Project: Cancer Biology. *eLife*, 10.

Kenty JH, et al. (2021) Retrieval and purification of human β cells from stem cell-derived islet engrafted mice. *STAR protocols*, 2(3), 100675.