

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

C17.2

RRID:CVCL_4511

Type: Cell Line

Proper Citation

CLS Cat# 305354, RRID:CVCL_4511

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4511

Proper Citation: CLS Cat# 305354, RRID:CVCL_4511

Description: Cell line C17.2 is a Transformed cell line with a species of origin Mus musculus (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:2139634](#), [PMID:2307979](#), [PMID:22542584](#)

Category: Transformed cell line

Organism: Mus musculus (Mouse)

Name: C17.2

Synonyms: C17

Cross References: CLO:CLO_0037251, CLS:305354, ECACC:07062902, Lonza:356, Wikidata:Q54807869

ID: CVCL_4511

Vendor: CLS

Catalog Number: 305354

Record Creation Time: 20260408T072647+0000

Record Last Update: 20260913T012722+0000

Ratings and Alerts

No rating or validation information has been found for C17.2.

No alerts have been found for C17.2.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 118 mentions in open access literature.

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

Wang J, et al. (2026) OPTRACE: Optical Imaging-Guided Transplantation and Tracking of Cells in the Mouse Brain. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(12), e14183.

Huang LY, et al. (2025) Maintaining moderate levels of hypochlorous acid promotes neural stem cell proliferation and differentiation in the recovery phase of stroke. *Neural regeneration research*, 20(3), 845.

Liu Y, et al. (2025) Ultra-biocompatible PEDOT:DSS-modified dual-mode bi-directional microelectrode arrays reveal phase-locking dynamics across sleep-wake. *Biosensors & bioelectronics*, 290, 117973.

Ehring K, et al. (2024) Two-way Dispatched function in Sonic hedgehog shedding and transfer to high-density lipoproteins. *eLife*, 12.

Xiong W, et al. (2023) Nobiletin Mitigates D-Galactose-Induced Memory Impairment via Improving Hippocampal Neurogenesis in Mice. *Nutrients*, 15(9).

Joshi BS, et al. (2023) Preparation of chaperone-loaded neural stem cell-derived extracellular vesicles to reduce protein aggregation in Huntington's disease cellular models. *STAR protocols*, 4(1), 102134.

Huang LY, et al. (2023) Ischemic accumulation of succinate induces Cdc42 succinylation and inhibits neural stem cell proliferation after cerebral ischemia/reperfusion. *Neural regeneration research*, 18(5), 1040.

Pereira I, et al. (2023) Hyaluronic acid-based bioink improves the differentiation and network formation of neural progenitor cells. *Frontiers in bioengineering and biotechnology*, 11, 1110547.

Li B, et al. (2023) Evaluation of Cottonseed Meal as an Alternative to Fish Meal in Diet for Juvenile Asian Red-Tailed Catfish *Hemibagrus wyckiioides*. *Aquaculture nutrition*, 2023, 1741724.

Zou Y, et al. (2022) Resetting Proteostasis of CIRBP with ISRIB Suppresses Neural Stem Cell Apoptosis under Hypoxic Exposure. *Oxidative medicine and cellular longevity*, 2022,

3627026.

Soni N, et al. (2022) Bone marrow-derived extracellular vesicles modulate the abundance of infiltrating immune cells in the brain and exert an antiviral effect against the Japanese encephalitis virus. *FASEB bioAdvances*, 4(12), 798.

Chen Z, et al. (2022) Design, synthesis, and evaluation of 8-aminoquinoline-melatonin derivatives as effective multifunctional agents for Alzheimer's disease. *Annals of translational medicine*, 10(6), 303.

Wang W, et al. (2022) KAP1 phosphorylation promotes the survival of neural stem cells after ischemia/reperfusion by maintaining the stability of PCNA. *Stem cell research & therapy*, 13(1), 290.

Khan J, et al. (2022) Gastrointestinal Stromal Tumors (GIST): A Population-Based Study Using the SEER Database, including Management and Recent Advances in Targeted Therapy. *Cancers*, 14(15).

Zhang W, et al. (2022) Propofol induces the apoptosis of neural stem cells via microRNA-9-5p / chemokine CXCR4 signaling pathway. *Bioengineered*, 13(1), 1062.

Zhao H, et al. (2022) Improved cognitive impairments by silencing DMP1 via enhancing the proliferation of neural progenitor cell in Alzheimer-like mice. *Aging cell*, 21(5), e13601.

Shou JW, et al. (2022) Novel mechanistic insight on the neuroprotective effect of berberine: The role of PPAR γ for antioxidant action. *Free radical biology & medicine*, 181, 62.

Li T, et al. (2022) BMP4 Exerts Anti-Neurogenic Effect via Inducing Id3 during Aging. *Biomedicines*, 10(5).

Joshi BS, et al. (2021) DNAJB6b-enriched small extracellular vesicles decrease polyglutamine aggregation in in vitro and in vivo models of Huntington disease. *iScience*, 24(11), 103282.

Joshi BS, et al. (2021) Heparan sulfate proteoglycan-mediated dynamin-dependent transport of neural stem cell exosomes in an in vitro blood-brain barrier model. *The European journal of neuroscience*, 53(3), 706.