Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

WA07

RRID:CVCL_9772
Type: Cell Line

Proper Citation

(WiCell Cat# wa07-pcbc, RRID:CVCL_9772)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_9772

Proper Citation: (WiCell Cat# wa07-pcbc, RRID:CVCL_9772)

Sex: Female

Defining Citation: PMID:9804556, PMID:14745950, PMID:15345125, PMID:16388305, PMID:16919167, PMID:17287758, PMID:17570852, PMID:17572666, PMID:21295703, PMID:21983960, PMID:22315618, PMID:23117585, PMID:23341440, PMID:27293150, PMID:27688775, PMID:28445466, PMID:30388422

Comments: Donor information: Embryo is sibling to those giving rise to WA13 (Cellosaurus=CVCL_9774) and WA14 (Cellosaurus=CVCL_9775)., Anecdotal: WA01, WA07, WA09, WA13 and WA14 were the first human embryonic stem cells to be established., Omics: Transcriptome analysis by serial analysis of gene expression (SAGE)., Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: DNA methylation analysis., Omics: Deep proteome analysis., Omics: Deep phosphoproteome analysis., Omics: Deep exome analysis., Omics: H3K9ac ChIP-seq epigenome analysis., Omics: H3K4me3 ChIP-seq epigenome analysis., Omics: H3K4me1 ChIP-seq epigenome analysis., Omics: H3K36me3 ChIP-seq epigenome analysis., Omics: H3K27me3 ChIP-seq epigenome analysis., Omics: CTCF ChIP-seq epigenome analysis., From: University of Wisconsin; Madison; USA., Part of: NHBLI Progenitor Cell Biology Consortium (PCBC) collection., Part of: ENCODE project common cell types; tier 3.

Category: Embryonic stem cell

Name: WA07

Synonyms: WA 07, WA-07, WA7, H7, H7 GE07, H7-hESC, ES-WA7, WAe002-A, WICELLe002-A, WAe007-A, WA07-PCBC, PCBC02hse2014030501, SC14-066

Cross References: BTO:BTO_0006061, EFO:EFO_0005904, BioSample:SAMN03471896, ENCODE:ENCBS017AOD, ENCODE:ENCBS052WSJ, ENCODE:ENCBS058YII, ENCODE:ENCBS068KXI, ENCODE:ENCBS291AAA, ENCODE:ENCBS292AAA, ENCODE:ENCBS293AAA, ENCODE:ENCBS297CQV, ENCODE:ENCBS311AAZ, ENCODE:ENCBS336AYE, ENCODE:ENCBS465FZV, ENCODE:ENCBS559YVY, ENCODE:ENCBS611ORI, ENCODE:ENCBS624XJG, ENCODE:ENCBS721YNV, ENCODE:ENCBS851RDN, ENCODE:ENCBS884CKU, ENCODE:ENCBS920PVU, ENCODE:ENCBS962QAF, GEO:GSM347922, GEO:GSM383877, GEO:GSM384099, GEO:GSM499755, GEO:GSM499756, GEO:GSM500935, GEO:GSM510581, GEO:GSM537623, GEO:GSM537639, GEO:GSM537640, GEO:GSM537641, GEO:GSM537657, GEO:GSM580005, GEO:GSM621347, GEO:GSM621353, GEO:GSM637776, GEO:GSM669896, GEO:GSM669926, GEO:GSM736610, GEO:GSM736638, GEO:GSM856730, GEO:GSM862732, GEO:GSM945183, GEO:GSM945184, GEO:GSM945185, GEO:GSM945186, GEO:GSM981283, GEO:GSM1008596, GEO:GSM1022649, GEO:GSM1022656, GEO:GSM1022660, GEO:GSM1022670, GEO:GSM1084991, GEO:GSM1085014, GEO:GSM1215275, GEO:GSM1215276, GEO:GSM1589801, GEO:GSM1589813, GEO:GSM1589933, GEO:GSM1589945, hPSCreg:WAe007-A, IGRhCellID:H7%20p91, NIHhESC:NIHhESC-10-0061, SKIP:SKIP001934, WiCell:wa07, WiCell:wa07-pcbc, Wikidata:Q54993513

ID: CVCL_9772

Vendor: WiCell

Catalog Number: wa07-pcbc

Record Creation Time: 20250131T203102+0000

Record Last Update: 20250131T205131+0000

Ratings and Alerts

No rating or validation information has been found for WA07.

No alerts have been found for WA07.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Moss KR, et al. (2024) hESC- and hiPSC-derived Schwann cells are molecularly comparable and functionally equivalent. iScience, 27(6), 109855.

Guo X, et al. (2024) CRISPR/Cas9-mediated generation of AP-1 activity reporter cell line in human embryonic stem cell (WAe007-A-5). Stem cell research, 81, 103557.

Stavish D, et al. (2024) Feeder-free culture of human pluripotent stem cells drives MDM4-mediated gain of chromosome 1q. Stem cell reports, 19(8), 1217.

De La Fuente DC, et al. (2024) Impaired oxysterol-liver X receptor signaling underlies aberrant cortical neurogenesis in a stem cell model of neurodevelopmental disorder. Cell reports, 43(3), 113946.

Tristan CA, et al. (2023) Efficient and safe single-cell cloning of human pluripotent stem cells using the CEPT cocktail. Nature protocols, 18(1), 58.

Huang KC, et al. (2023) Autophagy disruption reduces mTORC1 activation leading to retinal ganglion cell neurodegeneration associated with glaucoma. bioRxiv : the preprint server for biology.

Allan KC, et al. (2021) Non-canonical Targets of HIF1a Impair Oligodendrocyte Progenitor Cell Function. Cell stem cell, 28(2), 257.

Price CJ, et al. (2021) Genetically variant human pluripotent stem cells selectively eliminate wild-type counterparts through YAP-mediated cell competition. Developmental cell, 56(17), 2455.

Sridhar A, et al. (2020) Single-Cell Transcriptomic Comparison of Human Fetal Retina, hPSC-Derived Retinal Organoids, and Long-Term Retinal Cultures. Cell reports, 30(5), 1644.

Atmanli A, et al. (2019) Multiplex live single-cell transcriptional analysis demarcates cellular functional heterogeneity. eLife, 8.

Colunga T, et al. (2019) Human Pluripotent Stem Cell-Derived Multipotent Vascular Progenitors of the Mesothelium Lineage Have Utility in Tissue Engineering and Repair. Cell reports, 26(10), 2566.

Bogacheva MS, et al. (2018) Differences in definitive endoderm induction approaches using growth factors and small molecules. Journal of cellular physiology, 233(4), 3578.

Pashos EE, et al. (2017) Large, Diverse Population Cohorts of hiPSCs and Derived Hepatocyte-like Cells Reveal Functional Genetic Variation at Blood Lipid-Associated Loci. Cell stem cell, 20(4), 558.