Resource Summary Report

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

WA01

RRID:CVCL_9771
Type: Cell Line

Proper Citation

(WiCell Cat# wa01-cgmp-material, RRID:CVCL_9771)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_9771

Proper Citation: (WiCell Cat# wa01-cgmp-material, RRID:CVCL_9771)

Sex: Male

Defining Citation: PMID:9804556, PMID:14745950, PMID:16388305, PMID:16919167, PMID:17287758, PMID:17570852, PMID:17572666, PMID:18713948, PMID:20428235, PMID:20641038, PMID:20736931, PMID:21295703, PMID:21714037, PMID:21983960, PMID:22514597, PMID:22802639, PMID:23117585, PMID:23325432, PMID:24259714, PMID:24374290, PMID:27476965, PMID:28445466, PMID:29034888, PMID:29034901, PMID:30388422

Comments: 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: H4K20me1 ChIP-seq epigenome analysis., Omics: H3K9me3 ChIP-seq epigenome analysis., Omics: H3K9ac ChIP-seq epigenome analysis., Omics: H3K4me3 ChIP-seq epigenome analysis., Omics: H3K4me2 ChIP-seq epigenome analysis., Omics: H3K4me1 ChIP-seq epigenome analysis., Omics: H3K36me3 ChIP-seq epigenome analysis., Omics: H3K27me3 ChIP-seq epigenome analysis., Omics: H3K27ac ChIP-seq epigenome analysis., Omics: DNA methylation analysis., Omics: Deep proteome analysis., Omics: Deep phosphoproteome analysis., Omics: Deep exome analysis., Omics: Array-based CGH., From: University of Wisconsin; Madison; USA., Part of: NHBLI Progenitor Cell Biology Consortium (PCBC) collection., Part of: ENCODE project common cell types; tier 1.

Category: Embryonic stem cell

Name: WA01

Synonyms: WA 01, WA-01, WA1, H1, H1-hESC, ESC H1, GE01, WAe001-A, WICELLe001-A, WA01-PCBC, PCBC02hse2011100705, SC11-014

Cross References: BTO:BTO_0006060, CLO:CLO_0037281, EFO:EFO_0003042, 4DN:4DNSRHNAF6M6, 4DN:4DNSRV3SKQ8M, BioSample:SAMN03471895, BioSamples:SAMEA7768168, CCRID:3101HUMSCSP301, CCRID:3101HUMSCSP306, ENCODE:ENCBS001VRA, ENCODE:ENCBS011NFB, ENCODE:ENCBS019EUF, ENCODE:ENCBS040WGM, ENCODE:ENCBS051SJH, ENCODE:ENCBS055BDT, ENCODE:ENCBS055DBZ, ENCODE:ENCBS060CKC, ENCODE:ENCBS060MZO, ENCODE:ENCBS081AUS, ENCODE:ENCBS083WOY, ENCODE:ENCBS086PQW, ENCODE:ENCBS103ZIA, ENCODE:ENCBS111ENC, ENCODE:ENCBS131GSD, ENCODE:ENCBS153GON, ENCODE:ENCBS182IPV, ENCODE:ENCBS215WGD, ENCODE:ENCBS244HDB, ENCODE:ENCBS253TYD, ENCODE:ENCBS262EHC, ENCODE:ENCBS270AGK, ENCODE:ENCBS282MUP, ENCODE:ENCBS284CPV, ENCODE:ENCBS285QSX, ENCODE:ENCBS299BNQ, ENCODE:ENCBS299NOL, ENCODE:ENCBS307HNW, ENCODE:ENCBS309DZE, ENCODE:ENCBS345JIP, ENCODE:ENCBS364BFI, ENCODE:ENCBS368BPP, ENCODE:ENCBS371MFZ, ENCODE:ENCBS380OBH, ENCODE:ENCBS409PYK, ENCODE:ENCBS428NIG, ENCODE:ENCBS440MTS, ENCODE:ENCBS479XUT, ENCODE:ENCBS484NGW, ENCODE:ENCBS497CZZ, ENCODE:ENCBS513BIK, ENCODE:ENCBS534NMZ, ENCODE:ENCBS540UTP, ENCODE:ENCBS559QNR, ENCODE:ENCBS568FYY, ENCODE:ENCBS570AYT, ENCODE:ENCBS582QGL, ENCODE:ENCBS614LXI, ENCODE:ENCBS626BQK, ENCODE:ENCBS649THQ, ENCODE:ENCBS661AAA, ENCODE:ENCBS665AAA, ENCODE:ENCBS668AAA, ENCODE:ENCBS670AAA, ENCODE:ENCBS704NOS, ENCODE:ENCBS706WYC, ENCODE:ENCBS708BLT, ENCODE:ENCBS711AAA, ENCODE:ENCBS716AAA, ENCODE:ENCBS716FMR, ENCODE:ENCBS717WTB, ENCODE:ENCBS718AAA, ENCODE:ENCBS720AAA, ENCODE:ENCBS731AAA, ENCODE:ENCBS732AAA, ENCODE:ENCBS733AAA, ENCODE:ENCBS734AAA, ENCODE:ENCBS739PSV, ENCODE:ENCBS740OND, ENCODE:ENCBS780AAA, ENCODE:ENCBS780WAB, ENCODE:ENCBS797AAA, ENCODE:ENCBS802AAA, ENCODE:ENCBS803AAA, ENCODE:ENCBS819TBN, ENCODE:ENCBS820AAA, ENCODE:ENCBS847AAA, ENCODE:ENCBS849HZG, ENCODE:ENCBS854AAA, ENCODE:ENCBS855AAA, ENCODE:ENCBS874KZJ, ENCODE:ENCBS899KQD, ENCODE:ENCBS899NYB, ENCODE:ENCBS929BKG, ENCODE:ENCBS945MCY, ENCODE:ENCBS951DDF, ENCODE:ENCBS952IPA, ENCODE:ENCBS977TKX, ENCODE:ENCBS982HXP, ENCODE:ENCBS984IPH, GEO:GSM288339, GEO:GSM347921, GEO:GSM383873, GEO:GSM383874, GEO:GSM384095, GEO:GSM384096, GEO:GSM409307, GEO:GSM409308, GEO:GSM409312, GEO:GSM410807, GEO:GSM410808, GEO:GSM428286, GEO:GSM428289, GEO:GSM428291, GEO:GSM428295, GEO:GSM428296, GEO:GSM429321, GEO:GSM429322, GEO:GSM429323, GEO:GSM432392, GEO:GSM432685, GEO:GSM432686, GEO:GSM433167, GEO:GSM433170, GEO:GSM433171, GEO:GSM433174, GEO:GSM433176, GEO:GSM433177, GEO:GSM433179, GEO:GSM434762, GEO:GSM434776, GEO:GSM434785,

GEO:GSM438361, GEO:GSM438362, GEO:GSM450236, GEO:GSM450239, GEO:GSM450266, GEO:GSM450268, GEO:GSM450270, GEO:GSM466732, GEO:GSM466734, GEO:GSM466737, GEO:GSM466739, GEO:GSM469971, GEO:GSM484408, GEO:GSM537679, GEO:GSM537680, GEO:GSM537681, GEO:GSM537682, GEO:GSM537683, GEO:GSM537684, GEO:GSM537685, GEO:GSM543005, GEO:GSM579898, GEO:GSM579899, GEO:GSM569199, GEO:GSM569200, GEO:GSM602251, GEO:GSM602252, GEO:GSM602253, GEO:GSM637775, GEO:GSM733657, GEO:GSM733670, GEO:GSM733672, GEO:GSM733687, GEO:GSM733718, GEO:GSM733725, GEO:GSM733748, GEO:GSM733773, GEO:GSM733782, GEO:GSM736582, GEO:GSM803345, GEO:GSM803365, GEO:GSM803366, GEO:GSM803377, GEO:GSM803382, GEO:GSM803396, GEO:GSM803405, GEO:GSM803419, GEO:GSM803424, GEO:GSM803425, GEO:GSM803426, GEO:GSM803427, GEO:GSM803428, GEO:GSM803430, GEO:GSM803437, GEO:GSM803438, GEO:GSM803450, GEO:GSM803466, GEO:GSM803476, GEO:GSM803484, GEO:GSM803501, GEO:GSM803506, GEO:GSM803512, GEO:GSM803513, GEO:GSM803529, GEO:GSM803542, GEO:GSM816632, GEO:GSM822274, GEO:GSM822297, GEO:GSM822300, GEO:GSM856729, GEO:GSM862728, GEO:GSM935289, GEO:GSM935292, GEO:GSM935293, GEO:GSM935295, GEO:GSM935296, GEO:GSM935297, GEO:GSM935303, GEO:GSM935308, GEO:GSM935348, GEO:GSM935352, GEO:GSM935379, GEO:GSM935380, GEO:GSM935382, GEO:GSM935434, GEO:GSM935463, GEO:GSM935509, GEO:GSM935514, GEO:GSM935517, GEO:GSM935580, GEO:GSM935581, GEO:GSM935614, GEO:GSM1003444, GEO:GSM1003446, GEO:GSM1003451, GEO:GSM1003457, GEO:GSM1003472, GEO:GSM1003473, GEO:GSM1003479, GEO:GSM1003509, GEO:GSM1003513, GEO:GSM1003524, GEO:GSM1003547, GEO:GSM1003571, GEO:GSM1003572, GEO:GSM1003573, GEO:GSM1003579, GEO:GSM1003584, GEO:GSM1003585, GEO:GSM1003619, GEO:GSM1010742, GEO:GSM1010743, GEO:GSM1010776, GEO:GSM1010845, GEO:GSM1010896, GEO:GSM1010898, GEO:GSM1010899, GEO:GSM1040242, GEO:GSM1040312, GEO:GSM1084833, GEO:GSM1084941, GEO:GSM1084942, GEO:GSM1153529, GEO:GSM1489248, GEO:GSM1489459, GEO:GSM1582545, GEO:GSM1658376, hPSCreg:WAe001-A, IGRhCellID:H1%20p61, NIHhESC:NIHhESC-10-0043, PRIDE:PXD003903, SKIP:SKIP001933, WiCell:wa01, WiCell:wa01-cgmp-material, WiCell:wa01-matched-research-bank, WiCell:wa01-pcbc, Wikidata:Q54993510

ID: CVCL_9771

Vendor: WiCell

Catalog Number: wa01-cgmp-material

Record Creation Time: 20250131T203102+0000

Record Last Update: 20250131T205131+0000

Ratings and Alerts

No rating or validation information has been found for WA01.

No alerts have been found for WA01.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 194 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.

Luongo R, et al. (2024) Protocol for generating human cortical organoids enriched in outer radial glia by guided differentiation. STAR protocols, 5(3), 103280.

Dhaliwal NK, et al. (2024) Protocol for the efficient and inducible generation of CRISPR-Cas9-edited human cortical neurons from the iCas9-iNgn2 hPSCs. STAR protocols, 5(4), 103352.

Guerra San Juan I, et al. (2024) KIF5A regulates axonal repair and time-dependent axonal transport of SFPQ granules and mitochondria in human motor neurons. bioRxiv : the preprint server for biology.

Dhaliwal NK, et al. (2024) Synergistic hyperactivation of both mTORC1 and mTORC2 underlies the neural abnormalities of PTEN-deficient human neurons and cortical organoids. Cell reports, 43(5), 114173.

Shen J, et al. (2024) Activating innate immune responses repolarizes hPSC-derived CAR macrophages to improve anti-tumor activity. Cell stem cell, 31(7), 1003.

Logsdon DM, et al. (2024) Transcriptome comparisons of trophoblasts from regenerative cell models with peri-implantation human embryos. Biology of reproduction.

Walsh RM, et al. (2024) Generation of human cerebral organoids with a structured outer subventricular zone. Cell reports, 43(4), 114031.

Janssens DH, et al. (2024) Scalable single-cell profiling of chromatin modifications with sciCUT&Tag. Nature protocols, 19(1), 83.

Qu N, et al. (2024) Human Pluripotent Stem Cell Derived Organoids Reveal a Role for WNT Signaling in Dorsal-Ventral Patterning of the Hindgut. bioRxiv : the preprint server for biology.

Guerra San Juan I, et al. (2024) KIF5A regulates axonal repair and time-dependent axonal transport of SFPQ granules and mitochondria in human motor neurons. Neurobiology of disease, 204, 106759.

Brenes AJ, et al. (2024) Proteomic and functional comparison between human induced and embryonic stem cells. eLife, 13.

Sun P, et al. (2024) Generation of self-renewing neuromesodermal progenitors with neuronal and skeletal muscle bipotential from human embryonic stem cells. Cell reports methods, 4(11), 100897.

Negueruela J, et al. (2024) Protocol for CRISPR-Cas12a genome editing of protein tyrosine phosphatases in human pluripotent stem cells and functional ?-like cell generation. STAR protocols, 5(3), 103297.

Funa NS, et al. (2024) TGF-? modulates cell fate in human ES cell-derived foregut endoderm by inhibiting Wnt and BMP signaling. Stem cell reports, 19(7), 973.

Liu Y, et al. (2024) A human pluripotent stem cell-based somitogenesis model using microfluidics. Cell stem cell, 31(8), 1113.

Peng CS, et al. (2024) Nanometer-resolution tracking of single cargo reveals dynein motor mechanisms. Nature chemical biology.

Gong H, et al. (2023) MINE is a method for detecting spatial density of regulatory chromatin interactions based on a multi-modal network. Cell reports methods, 3(1), 100386.

Shi Y, et al. (2023) Characterization of genome-wide STR variation in 6487 human genomes. Nature communications, 14(1), 2092.

Yang R, et al. (2023) Epiphany: predicting Hi-C contact maps from 1D epigenomic signals. Genome biology, 24(1), 134.