Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

HT-1080

RRID:CVCL_0317
Type: Cell Line

Proper Citation

(RRID:CVCL_0317)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0317

Proper Citation: (RRID:CVCL_0317)

Sex: Male

Defining Citation: PMID:375235, PMID:3335022, PMID:3413074, PMID:3558490, PMID:3986962, PMID:4132053, PMID:6538202, PMID:6652615, PMID:11416159, PMID:11668190, PMID:12068308, PMID:17254797, PMID:20164919, PMID:20215515, PMID:22282976, PMID:22460905, PMID:24726063, PMID:25485619, PMID:25877200, PMID:26351324, PMID:26368816, PMID:26589293, PMID:27397505, PMID:28196595, PMID:30894373, PMID:31068700, PMID:31978347, PMID:35839778

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Population: Caucasian., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: MD Anderson Cell Lines Project., Part of: ENCODE project common cell types; tier 3., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Name: HT-1080

Synonyms: Ht-1080, HT 1080, HT1080, HT 1080.T

Cross References: BTO:BTO_0001282, CLO:CLO_0004266, CLO:CLO_0004276, EFO:EFO_0002059, EFO:EFO_0022394, MCCL:MCC:0000210, CLDB:cl1735,

CLDB:cl1736, CLDB:cl1737, CLDB:cl1738, CLDB:cl1740, CLDB:cl1741, CLDB:cl1742, CLDB:cl4913, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CCL-121, ATCC:CRL-7951, BCRC:60037, BCRJ:0110, BioGRID_ORCS_Cell_line:279, BioSample:SAMN01821563, BioSample:SAMN01821634, BioSample:SAMN01821685, BioSample:SAMN01821731, BioSample:SAMN03471913, BioSample:SAMN10987635, cancercelllines:CVCL_0317, CCRID:1101HUM-PUMC000070, CCRID:3101HUMTCHu170, CCRID:4201HUM-CCTCC00105, CCTCC:GDC0105, Cell_Model_Passport:SIDM00828, ChEMBL-Cells:CHEMBL3308396, ChEMBL-Targets:CHEMBL614580, CLS:300216, Cosmic:716177, Cosmic:716188, Cosmic:724819, Cosmic:907064, Cosmic:912000, Cosmic:1045409, Cosmic:1067221, Cosmic:1933190, Cosmic:2009505, Cosmic:2301553, Cosmic:2307731, Cosmic:2560245, Cosmic:2764533, Cosmic-CLP:907064, DepMap:ACH-000054, DSMZ:ACC-315, DSMZCellDive:ACC-315, ECACC:85111505, EGA:EGAS00001000610, EGA:EGAS00001000978, ENCODE:ENCBS039VHD, ENCODE:ENCBS225AAA, ENCODE:ENCBS512AAA, ENCODE:ENCBS513AAA, ENCODE:ENCBS617SGR, ENCODE:ENCBS688VJF, ENCODE:ENCBS798NML, ENCODE:ENCBS816VMN, ENCODE:ENCBS937RAY, GDSC:907064, GEO:GSM185089, GEO:GSM185090, GEO:GSM256074, GEO:GSM256075, GEO:GSM256076, GEO:GSM256077, GEO:GSM256078, GEO:GSM256079, GEO:GSM256080, GEO:GSM256081, GEO:GSM256082, GEO:GSM256083, GEO:GSM256084, GEO:GSM256085, GEO:GSM256086, GEO:GSM256087, GEO:GSM256088, GEO:GSM256089, GEO:GSM256090, GEO:GSM256091, GEO:GSM256092, GEO:GSM256093, GEO:GSM256094, GEO:GSM256095, GEO:GSM256096, GEO:GSM256097, GEO:GSM256098, GEO:GSM256099, GEO:GSM256100, GEO:GSM256101, GEO:GSM256102, GEO:GSM256103, GEO:GSM256104, GEO:GSM256105, GEO:GSM256106, GEO:GSM256107, GEO:GSM256108, GEO:GSM256109, GEO:GSM256110, GEO:GSM256111, GEO:GSM256112, GEO:GSM256113, GEO:GSM256114, GEO:GSM827307, GEO:GSM887136, GEO:GSM888207, GEO:GSM1669908, GEO:GSM1676302, GEO:GSM1701637, GEO:GSM3585511, GEO:GSM3585512, GEO:GSM3585513, GEO:GSM3585514, IARC_TP53:21378, IBRC:C10104, ICLC:HTL98016, IGRhCellID:HT1080, IZSLER:BS TCL 27, JCRB:IFO50354, JCRB:JCRB9113, KCB:KCB 2013029YJ, KCLB:10121, LiGeA:CCLE_463, LINCS_LDP:LCL-1435, Lonza:744, NCBI_Iran:C437, PharmacoDB:HT1080_625_2019, PRIDE:PXD030304, Progenetix:CVCL_0317, PubChem_Cell_line:CVCL_0317, RCB:RCB1956, TKG:TKG 0202, TOKU-E:1963, Wikidata:Q5636047

ID: CVCL_0317

Record Creation Time: 20250131T200941+0000

Record Last Update: 20250131T202409+0000

Ratings and Alerts

No rating or validation information has been found for HT-1080.

Warning: Discontinued: ATCC; CRL-7951
Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Population: Caucasian., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: MD Anderson Cell Lines Project., Part of: ENCODE project common cell types; tier 3., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE). Warning: Discontinued: RCB; RCB1956
Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Population: Caucasian., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: MD Anderson Cell Lines Project., Part of: ENCODE project common cell types; tier 3., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 2333 mentions in open access literature.

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

Cardoen B, et al. (2024) Membrane contact site detection (MCS-DETECT) reveals dual control of rough mitochondria-ER contacts. The Journal of cell biology, 223(1).

Mao C, et al. (2024) Unraveling ETC complex I function in ferroptosis reveals a potential ferroptosis-inducing therapeutic strategy for LKB1-deficient cancers. Molecular cell, 84(10), 1964.

Huang J, et al. (2024) A Gene-Switch Platform Interfacing with Reactive Oxygen Species Enables Transcription Fine-Tuning by Soluble and Volatile Pharmacologics and Food Additives. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(20), e2306333.

Nakamura T, et al. (2024) A tangible method to assess native ferroptosis suppressor activity. Cell reports methods, 4(3), 100710.

Ito J, et al. (2024) PRDX6 dictates ferroptosis sensitivity by directing cellular selenium utilization. Molecular cell, 84(23), 4629.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. Cell chemical biology, 31(7), 1247.

Noguchi Y, et al. (2024) In vivo CRISPR screening directly targeting testicular cells. Cell genomics, 4(3), 100510.

Lehman SS, et al. (2024) The Legionella pneumophila effector DenR hijacks the host NRas proto-oncoprotein to downregulate MAPK signaling. Cell reports, 43(4), 114033.

Dimitrov J, et al. (2024) Dynamic roles of neutrophil extracellular traps in cancer cell adhesion and activation of Notch 1-mediated epithelial-to-mesenchymal transition in EGFR-driven lung cancer cells. Frontiers in immunology, 15, 1470620.

Malone M, et al. (2024) The effect of phosphorylation efficiency on the oncogenic properties of the protein E7 from high-risk HPV. Virus research, 348, 199446.

Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and regulate the level of the PLK1 protein in Ewing sarcoma cells. bioRxiv : the preprint server for biology.

Sottnik JL, et al. (2024) WNT4 Regulates Cellular Metabolism via Intracellular Activity at the Mitochondria in Breast and Gynecologic Cancers. Cancer research communications, 4(1), 134.

Ni Q, et al. (2024) Cytoskeletal activation of NHE1 regulates mechanosensitive cell volume adaptation and proliferation. Cell reports, 43(12), 114992.

Wang M, et al. (2024) Therapeutic induction of ferroptosis in tumors using PD-L1 targeting antibody nanogel conjugates. Cell chemical biology, 31(12), 2039.

Merk DJ, et al. (2024) Functional screening reveals genetic dependencies and diverging cell cycle control in atypical teratoid rhabdoid tumors. Genome biology, 25(1), 301.

Noronha KJ, et al. (2024) NAPRT Silencing in FH-Deficient Renal Cell Carcinoma Confers Therapeutic Vulnerabilities via NAD+ Depletion. Molecular cancer research : MCR, 22(10), 973.

Mannion J, et al. (2024) A RIPK1-specific PROTAC degrader achieves potent antitumor activity by enhancing immunogenic cell death. Immunity, 57(7), 1514.

Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and regulate the level of the PLK1 protein in Ewing sarcoma cells. Frontiers in oncology, 14, 1394653.

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.

Stoletov K, et al. (2023) Intravital imaging of Wnt/?-catenin and ATF2-dependent signalling pathways during tumour cell invasion and metastasis. Journal of cell science, 136(3).