Resource Summary Report

Generated by NIF on Aug 27, 2026

HeLa

RRID:CVCL_0030
Type: Cell Line

Proper Citation

TKG Cat# TKG 0331, RRID:CVCL_0030

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0030

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Description: Cell line HeLa is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Human papillomavirus-related endocervical adenocarcinoma

Defining Citation: PMID:77569, PMID:1246620, PMID:1522048, PMID:2983228, PMID:2990217, PMID:3028716, PMID:3180844, PMID:3371749, PMID:3518877, PMID:4942173, PMID:5668122, PMID:6256643, PMID:6358339, PMID:6401685, PMID:6825208, PMID:6935474, PMID:8380785, PMID:9892199, PMID:10423141, PMID:11416159, PMID:11668190, PMID:12001993, PMID:12661003, PMID:12793746, PMID:13052828, PMID:13207312, PMID:13261081, PMID:14031339, PMID:14185313, PMID:15302935, PMID:15531914, PMID:15901131, PMID:16589695, PMID:16957166, PMID:17311676, PMID:19450234, PMID:19722756, PMID:19941903, PMID:21269460, PMID:21937730, PMID:22068331, PMID:22278370, PMID:22412903, PMID:23205564, PMID:23336012, PMID:23925224, PMID:23925245, PMID:24134916, PMID:24618588, PMID:24696503, PMID:24908793, PMID:25485619, PMID:25807930, PMID:25877200, PMID:25894527, PMID:25960936, PMID:26554430, PMID:26589293, PMID:27397505, PMID:28078501, PMID:28196595, PMID:28261610, PMID:28601559, PMID:29156801, PMID:30175587, PMID:30778230, PMID:30787054, PMID:30894373, PMID:31068700, PMID:31433507, PMID:31790455, PMID:33389257, PMID:35198691, PMID:35839778, PMID:37543987

Comments: Miscellaneous: HeLa is the most frequent contributor to cell lines contamination., Anecdotal: Was flown since the 1960s on at least ten different space missions: Korabl-Sputnik-2, Vostok-1, Vostok-4, Vostok-5 and Vostok-6, Voshkod 1 and Zond-5, Discoverer XVIII, Progress M-35/Mir and Shuttle STS-89., Anecdotal: The HeLa cell line and its story inspired Australian artist Cynthia Verspaget to embark in 2003 on a

artistic project 'The Anarchy Cell Line' (TAnCL) where she mixed her blood with HeLa cells. This work later spawned a PhD thesis (CelloPub=CLPUB00376) where among other things she makes the observation that two main taxonomical distinctions present in the zombie, living/dead and human/nonhuman, are also present in the HeLa cell line., Anecdotal: The fascinating story of the HeLa cell line and of Henrietta Lacks from whom these cells originate are described in the book of Rebecca Skloot (CelloPub=CLPUB00377)., Anecdotal: The HeLa cell line which was established in February 1951 is the oldest human immortal cell line., Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Virology: HeLa has 5 five HPV18 integration sites: three on normal chromosomes 8 at 8q24 and two on derivative chromosomes, der(5)t(5;22;8)(q11;q11q13;q24) and der(22)t(8;22) (q24;q13)., Population: African American., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: MD Anderson Cell Lines Project., Part of: Human Protein Atlas, Cell Atlas panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Space-flown cell line (cellonaut).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HeLa

Synonyms: HELA, Hela, He La, He-La, HeLa-CCL2, Henrietta Lacks cells, Helacyton gartleri

Cross References: BTO:BTO_0000567, CLO:CLO_0003684, CLO:CLO_0050910, EFO:EFO_0001185, MCCL:MCC:0000219, CLDB:cl1594, CLDB:cl1595, CLDB:cl1596, CLDB:cl1597, CLDB:cl1599, CLDB:cl1600, CLDB:cl1601, CLDB:cl1603, Abcam:ab255448, Abcam:ab255928, Abcam:ab260075, Abcam:ab271142, Abcam:ab275466, AddexBio:C0008001/44, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-3610, ATCC:CCL-2, ATCC:CRL-7923, ATCC:CRM-CCL-2, BCRC:60005, BCRJ:0100, BEI_Resources:ARP-153, BioGRID_ORCS_Cell_line:95, BioSample:SAMN03471148, BioSample:SAMN03472333, BioSample:SAMN10989629, cancercelllines:CVCL_0030, CCLV:CCLV-RIE 0082, CCRID:1101HUM-PUMC000011, CCRID:1101HUM-PUMC000332, CCRID:1102HUM-NIFDC00057, CCRID:3101HUMSCSP504, CCRID:3101HUMTCHu187, CCRID:4201HUM-CCTCC00009, CCRID:5301HUM-KCB90024YJ, CCTCC:GDC0009, Cell_Model_Passport:SIDM00846, ChEMBL-Cells:CHEMBL3308376, ChEMBL-Targets:CHEMBL399, CLS:300194, Cosmic:760219, Cosmic:760490, Cosmic:801357, Cosmic:809231, Cosmic:877477, Cosmic:911999, Cosmic:925354, Cosmic:928907, Cosmic:944113, Cosmic:1019309, Cosmic:1057766, Cosmic:1071911, Cosmic:1131525, Cosmic:1193029, Cosmic:1201779, Cosmic:1324208, Cosmic:1336880, Cosmic:1571796, Cosmic:2301539, Cosmic:2660190, Cosmic:2750874, Cosmic:2791019, Cosmic:2816214, Cosmic-CLP:1298134, dbGAP:phs000640.v4.p1, DepMap:ACH-001086, DSMZ:ACC-57, DSMZCellDive:ACC-57, ECACC:93021013, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:phs000640, FCS-free:44-2-47-1-8-9, GDSC:1298134, GEO:GSM113863, GEO:GSM226739, GEO:GSM226875, GEO:GSM253298, GEO:GSM436128, GEO:GSM436129, GEO:GSM501788, GEO:GSM722574, GEO:GSM722575, GEO:GSM723055, GEO:GSM723056, GEO:GSM1088663, GEO:GSM1088664, GEO:GSM1088665, GEO:GSM1088666, GEO:GSM1374528,

GEO:GSM1669875, GEO:GSM1881473, GEO:GSM1881474, GEO:GSM1881475, GEO:GSM7701367, GEO:GSM7701368, Hysigen:TCH-C193, ICLC:HTL95023, IGRhCellID:HeLA, IZSLER:BS TCL 20, JCRB:JCRB9004, KCB:KCB 86019YJ, KCB:KCB 90024YJ, KCLB:10002, LINCS_HMS:50061, LINCS_LDP:LCL-1512, Lonza:51, MeSH:D006367, NCBI_Iran:C115, PharmacoDB:HeLa_536_2019, PRIDE:PRD000007, PRIDE:PRD000032, PRIDE:PRD000123, PRIDE:PRD000124, PRIDE:PRD000345, PRIDE:PRD000376, PRIDE:PRD000525, PRIDE:PRD000526, PRIDE:PRD000527, PRIDE:PXD000013, PRIDE:PXD000243, PRIDE:PXD000252, PRIDE:PXD000279, PRIDE:PXD000396, PRIDE:PXD000474, PRIDE:PXD000589, PRIDE:PXD000661, PRIDE:PXD000680, PRIDE:PXD000759, PRIDE:PXD000883, PRIDE:PXD000895, PRIDE:PXD000900, PRIDE:PXD000953, PRIDE:PXD000954, PRIDE:PXD000999, PRIDE:PXD001047, PRIDE:PXD001118, PRIDE:PXD001154, PRIDE:PXD001175, PRIDE:PXD001249, PRIDE:PXD001258, PRIDE:PXD001259, PRIDE:PXD001278, PRIDE:PXD001305, PRIDE:PXD001374, PRIDE:PXD001381, PRIDE:PXD001396, PRIDE:PXD001441, PRIDE:PXD001541, PRIDE:PXD001548, PRIDE:PXD001574, PRIDE:PXD001660, PRIDE:PXD001781, PRIDE:PXD001798, PRIDE:PXD001805, PRIDE:PXD001806, PRIDE:PXD001810, PRIDE:PXD001863, PRIDE:PXD001907, PRIDE:PXD002001, PRIDE:PXD002039, PRIDE:PXD002066, PRIDE:PXD002252, PRIDE:PXD002277, PRIDE:PXD002378, PRIDE:PXD002383, PRIDE:PXD002395, PRIDE:PXD002572, PRIDE:PXD002591, PRIDE:PXD002704, PRIDE:PXD002844, PRIDE:PXD002880, PRIDE:PXD003186, PRIDE:PXD003209, PRIDE:PXD003258, PRIDE:PXD003370, PRIDE:PXD003503, PRIDE:PXD003530, PRIDE:PXD003560, PRIDE:PXD003792, PRIDE:PXD003813, PRIDE:PXD003909, PRIDE:PXD003913, PRIDE:PXD003917, PRIDE:PXD003924, PRIDE:PXD004182, PRIDE:PXD004271, PRIDE:PXD004273, PRIDE:PXD004452, PRIDE:PXD004613, PRIDE:PXD004736, PRIDE:PXD004900, PRIDE:PXD004914, PRIDE:PXD004933, PRIDE:PXD004934, PRIDE:PXD004940, PRIDE:PXD004995, PRIDE:PXD005018, PRIDE:PXD005107, PRIDE:PXD005181, PRIDE:PXD005346, PRIDE:PXD005349, PRIDE:PXD005366, PRIDE:PXD005466, PRIDE:PXD005509, PRIDE:PXD005572, PRIDE:PXD005712, PRIDE:PXD005955, PRIDE:PXD006112, PRIDE:PXD006293, PRIDE:PXD012045, PRIDE:PXD012188, PRIDE:PXD013064, PRIDE:PXD023271, PRIDE:PXD023835, PRIDE:PXD027504, PRIDE:PXD029773, PRIDE:PXD030304, Progenetix:CVCL_0030, PubChem_Cell_line:CVCL_0030, RCB:RCB0007, RCB:RCB3680, SKY/M-FISH/CGH:5351, TKG:TKG 0331, TOKU-E:1434, Ubigene:YC-A012, Wikidata:Q847482

ID: CVCL_0030

Vendor: TKG

Catalog Number: TKG 0331

Record Creation Time: 20220427T220330+0000

Record Last Update: 20260815T233731+0000

Ratings and Alerts

No rating or validation information has been found for HeLa.

Warning: Discontinued: ATCC; CRL-7923
Miscellaneous: HeLa is the most frequent contributor to cell lines contamination.,

Anecdotal: Was flown since the 1960s on at least ten different space missions: Korabl-Sputnik-2, Vostok-1, Vostok-4, Vostok-5 and Vostok-6, Voshkod 1 and Zond-5, Discoverer XVIII, Progress M-35/Mir and Shuttle STS-89., Anecdotal: The HeLa cell line and its story inspired Australian artist Cynthia Verspaget to embark in 2003 on a artistic project 'The Anarchy Cell Line' (TAnCL) where she mixed her blood with HeLa cells. This work later spawned a PhD thesis (CelloPub=CLPUB00376) where among other things she makes the observation that two main taxonomical distinctions present in the zombie, living/dead and human/nonhuman, are also present in the HeLa cell line., Anecdotal: The fascinating story of the HeLa cell line and of Henrietta Lacks from whom these cells originate are described in the book of Rebecca Skloot (CelloPub=CLPUB00377)., Anecdotal: The HeLa cell line which was established in February 1951 is the oldest human immortal cell line., Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Virology: HeLa has 5 five HPV18 integration sites: three on normal chromosomes 8 at 8q24 and two on derivative chromosomes, der(5)t(5;22;8)(q11;q11q13;q24) and der(22)t(8;22) (q24;q13)., Population: African American., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: MD Anderson Cell Lines Project., Part of: Human Protein Atlas, Cell Atlas panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Space-flown cell line (cellonaut).

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 39236 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Tesfamariam YM, et al. (2026) Poxvirus dsDNA genomes differentially activate AIM2 or NLRP3 inflammasomes in human primary cells. The EMBO journal, 45(5), 1728.

Schwartz I, et al. (2026) Guardian ubiquitin E3 ligases target cancer-associated APOBEC3 deaminases for degradation to promote human genome integrity. Nature communications, 17(1), 1723.

Zhou Z, et al. (2026) The lipid-metabolic enzyme HSD17B12 drives lysosomal degradation of PD-L1 potentiating anti-tumor immunity in a mouse model. PLoS biology, 24(1), e3003603.

Di Lascio S, et al. (2026) Regulation of PHOX2B gene expression by the long non-coding natural antisense RNA PHOX2B-AS1. The FEBS journal, 293(12), 3502.

Gies S, et al. (2026) Th17 cells favor migration and invasiveness of cervical cancer cells under hypoxia in an IGF2BP2-dependent manner. International journal of cancer, 158(11), 3021.

Fu H, et al. (2026) A smart gene circuit for precise regulation of tumor cell behavior. Synthetic and systems biotechnology, 11, 237.

Zhang C, et al. (2026) Quantification of Single-Cell Cysteine Using an Electrochemical Nanosensor for Predicting Tumor Disulfidptosis Susceptibility. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(13), e23478.

Wang H, et al. (2026) Targeting the ER?? DBD-LBD Interface with Mitoxantrone Disrupts Receptor Function through Proteasomal Degradation. Molecular cancer therapeutics, 25(1), 107.

Qiao M, et al. (2026) ERM Inhibition Confers Ferroptosis Resistance through ROS-Induced NRF2 Signaling. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(16), e13310.

Lee JH, et al. (2026) N6-adenosine methylation enhances nuclear mRNA export through METTL3 and NUP93. Nature cell biology, 28(3), 553.

Zhang S, et al. (2026) NuSAP Safeguards Centriole Integrity to Mediate CEP57-CEP152 Torus Recruitment for Proper Engagement. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(19), e15192.

Batsaikhan J, et al. (2026) KU80 suppresses endonuclease G activity to preserve genomic integrity. The FEBS journal.

Yang D, et al. (2026) RNF125 promotes CD8 T cell-mediated anticancer immunity and suppresses the malignant phenotype of cervical cancer. Molecular and cellular biochemistry, 481(5), 2005.

Wilms G, et al. (2026) The protein kinase DYRK1B is a p53 target gene and functions as a negative feedback regulator of the transcription factor RFX7. Cell death & disease, 17(1).

Cullinane D, et al. (2026) Liposomal Delivery of Cell Impermeable Phototoxic Ru(II) Complexes. Chembiochem : a European journal of chemical biology, 27(6), e202500948.

Liu C, et al. (2026) Gcn2 deficiency triggers anemia and hypoxic intolerance in zebrafish. Cell reports, 45(4), 117192.

Cintra RC, et al. (2026) Targeted modulation of IGFL2-AS1 reveals its translational potential in cervical adenocarcinoma. Molecular oncology, 20(6), 1643.

Zhang B, et al. (2026) RB-BC: A Novel Ribociclib Derivative Targeting p53-Mediated Apoptosis and Inhibition of Tumor Growth in Breast Cancer. Chemistry & biodiversity, 23(2), e02267.

Zuo F, et al. (2026) Live-cell imaging of RNA dynamics using bright and stable fluorescent RNAs. Nature protocols.

Fu J, et al. (2026) mRNA lipid-nanoparticle-mediated mitochondrial apoptosis augments adoptive T cell immunotherapy. Cell reports. Medicine, 7(4), 102706.