# Resource Summary Report

Generated by dkNET on Aug 30, 2026

## HeLa S3

RRID:CVCL_0058
Type: Cell Line

### Proper Citation

CLS Cat# 300384, RRID:CVCL_0058

### Cell Line Information

**URL:** https://web.expasy.org/cellosaurus/CVCL_0058

**Proper Citation:** CLS Cat# 300384, RRID:CVCL_0058

**Description:** Cell line HeLa S3 is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Female

**Disease:** Human papillomavirus-related endocervical adenocarcinoma

**Defining Citation:** PMID:566722, PMID:978597, PMID:1180926, PMID:1522048, PMID:3180844, PMID:3756862, PMID:3986962, PMID:6256643, PMID:6825208, PMID:9290701, PMID:10338214, PMID:11416159, PMID:13286432, PMID:13531635, PMID:14518029, PMID:16589695, PMID:19450234, PMID:23325432, PMID:23925245, PMID:24185095, PMID:26550473, PMID:30175587, PMID:30778230, PMID:33205894

**Comments:** Anecdotal: The 'S' series of HeLa clones was named after Dr. Florence Sabin., Virology: Has at least 4 five HPV18 integration sites in the genome (PubMed=26550473)., Population: African American., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: ENCODE project common cell types; tier 2.

**Category:** Cancer cell line

**Organism:** Homo sapiens (Human)

**Name:** HeLa S3

**Synonyms:** HeLa s3, HeLa-S3, HELA-S3, HeLa/S3, HeLa.S3, HeLa S 3, HeLa S-3, HeLaS3, HeLa, S3 clone, S3-HeLa, S3 HeLa

**Cross References:** BTO:BTO_0000568, CLO:CLO_0003695, CLO:CLO_0003696, CLO:CLO_0003699, CLO:CLO_0050921, CLO:CLO_0050936, EFO:EFO_0002791,

MCCL:MCC:0000220, CLDB:cl1616, CLDB:cl1617, CLDB:cl1619, CLDB:cl1620, CLDB:cl1621, CLDB:cl1622, 4DN:4DNSRGTEEYSL, ATCC:CCL-2.2, ATCC:CRL-7924, BCRC:60101, BioSample:SAMN03472408, BioSample:SAMN03472767, CCRID:1101HUM-PUMC000188, CCRID:1102HUM-NIFDC00009, CCRID:4201HUM-CCTCC00193, CCTCC:GDC0193, ChEMBL-Cells:CHEMBL3886002, ChEMBL-Targets:CHEMBL4296436, CLS:300384, Cosmic:846181, Cosmic:1201780, Cosmic:1324209, dbGAP:phs000665.v9.p1, DSMZ:ACC-161, DSMZCellDive:ACC-161, ECACC:87110901, ENCODE:ENCBS031GUL, ENCODE:ENCBS061SJE, ENCODE:ENCBS075PNA, ENCODE:ENCBS094KYE, ENCODE:ENCBS113ENC, ENCODE:ENCBS146YHK, ENCODE:ENCBS163VBG, ENCODE:ENCBS199XIN, ENCODE:ENCBS229UDI, ENCODE:ENCBS254ZSR, ENCODE:ENCBS292TEU, ENCODE:ENCBS352IHZ, ENCODE:ENCBS376OKH, ENCODE:ENCBS403WXR, ENCODE:ENCBS417UAY, ENCODE:ENCBS423QWP, ENCODE:ENCBS424JTA, ENCODE:ENCBS432ENC, ENCODE:ENCBS434SUM, ENCODE:ENCBS450RLH, ENCODE:ENCBS468RLW, ENCODE:ENCBS493MKF, ENCODE:ENCBS500SDW, ENCODE:ENCBS529RSF, ENCODE:ENCBS575PET, ENCODE:ENCBS577WSP, ENCODE:ENCBS580FYL, ENCODE:ENCBS585KIN, ENCODE:ENCBS598ZWC, ENCODE:ENCBS635AAA, ENCODE:ENCBS636AAA, ENCODE:ENCBS637AAA, ENCODE:ENCBS646PGB, ENCODE:ENCBS647UNF, ENCODE:ENCBS655ARO, ENCODE:ENCBS656NDW, ENCODE:ENCBS658BKJ, ENCODE:ENCBS681BHB, ENCODE:ENCBS684AAA, ENCODE:ENCBS685AAA, ENCODE:ENCBS686AAA, ENCODE:ENCBS687AAA, ENCODE:ENCBS688AAA, ENCODE:ENCBS689AAA, ENCODE:ENCBS714AAA, ENCODE:ENCBS735AAA, ENCODE:ENCBS736AAA, ENCODE:ENCBS737AAA, ENCODE:ENCBS738AAA, ENCODE:ENCBS739AAA, ENCODE:ENCBS740AAA, ENCODE:ENCBS748HNU, ENCODE:ENCBS804AAA, ENCODE:ENCBS805AAA, ENCODE:ENCBS812AOY, ENCODE:ENCBS822AAA, ENCODE:ENCBS823AAA, ENCODE:ENCBS833ISA, ENCODE:ENCBS834AAA, ENCODE:ENCBS838AAA, ENCODE:ENCBS839AAA, ENCODE:ENCBS854BZN, ENCODE:ENCBS877WSH, ENCODE:ENCBS890POO, ENCODE:ENCBS899VUW, ENCODE:ENCBS979JZP, FANTOM5_SSTAR:10815-111B5, FANTOM5_SSTAR:10816-111B6, FANTOM5_SSTAR:10817-111B7, GEO:GSM472905, GEO:GSM472916, GEO:GSM472932, GEO:GSM733669, GEO:GSM733682, GEO:GSM733684, GEO:GSM733689, GEO:GSM733696, GEO:GSM733711, GEO:GSM733734, GEO:GSM733756, GEO:GSM733785, GEO:GSM736510, GEO:GSM736564, GEO:GSM749721, GEO:GSM749729, GEO:GSM749739, GEO:GSM798322, GEO:GSM803454, GEO:GSM803455, GEO:GSM803478, GEO:GSM803533, GEO:GSM816436, GEO:GSM816633, GEO:GSM816643, GEO:GSM822273, GEO:GSM822285, GEO:GSM822286, GEO:GSM923449, GEO:GSM935272, GEO:GSM935276, GEO:GSM935290, GEO:GSM935302, GEO:GSM935317, GEO:GSM935318, GEO:GSM935320, GEO:GSM935326, GEO:GSM935328, GEO:GSM935341, GEO:GSM935342, GEO:GSM935351, GEO:GSM935362, GEO:GSM935365, GEO:GSM935366, GEO:GSM935367, GEO:GSM935369, GEO:GSM935370, GEO:GSM935383, GEO:GSM935384, GEO:GSM935395, GEO:GSM935405, GEO:GSM935408, GEO:GSM935416, GEO:GSM935432, GEO:GSM935435, GEO:GSM935436, GEO:GSM935459, GEO:GSM935476, GEO:GSM935484, GEO:GSM935486, GEO:GSM935489, GEO:GSM935498, GEO:GSM935500, GEO:GSM935508, GEO:GSM935511, GEO:GSM935552, GEO:GSM935553, GEO:GSM935554, GEO:GSM935555, GEO:GSM935560, GEO:GSM935561, GEO:GSM935570, GEO:GSM935571, GEO:GSM935578, GEO:GSM935582, GEO:GSM935606, GEO:GSM935615, GEO:GSM935625,

GEO:GSM935635, GEO:GSM935636, GEO:GSM935637, GEO:GSM935638, GEO:GSM945201, GEO:GSM945208, GEO:GSM945230, GEO:GSM945253, GEO:GSM1003480, GEO:GSM1003483, GEO:GSM1003520, GEO:GSM1003618, GEO:GSM2423737, GEO:GSM2423738, GEO:GSM4224315, GEO:GSM4226257, ICLC:HTL95020, IZSLER:BS TCL 22, JCRB:IFO50011, JCRB:JCRB9010, KCLB:10002.2, Lonza:877, NCBI_Iran:C572, PRIDE:PRD000146, PRIDE:PXD000212, PRIDE:PXD000674, PRIDE:PXD000964, PRIDE:PXD001200, PRIDE:PXD001385, PRIDE:PXD001592, PRIDE:PXD002436, PRIDE:PXD002802, PRIDE:PXD003346, PRIDE:PXD003709, PRIDE:PXD004655, PRIDE:PXD006322, PubChem_Cell_line:CVCL_0058, RCB:RCB0191, RCB:RCB1525, RCB:RCB3682, TKG:TKG 0444, TOKU-E:1437, Wikidata:Q54882556

**ID:** CVCL_0058

**Vendor:** CLS

**Catalog Number:** 300384

**Hierarchy:** cvcl_0030

**Record Creation Time:** 20220624T070759+0000

**Record Last Update:** 20260830T000509+0000

## Ratings and Alerts

No rating or validation information has been found for HeLa S3.

Warning: Discontinued: ATCC; CRL-7924
Anecdotal: The 'S' series of HeLa clones was named after Dr. Florence Sabin., Virology: Has at least 4 five HPV18 integration sites in the genome (PubMed=26550473)., Population: African American., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: ENCODE project common cell types; tier 2.

## Data and Source Information

**Source:** Cellosaurus

## Usage and Citation Metrics

We found 1315 mentions in open access literature.

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

Hotta T, et al. (2026) Accessibility of the unstructured ?-tubulin C-terminal tail is controlled by microtubule lattice conformation. eLife, 14.

Li Y, et al. (2026) Genetically encoded lockdown of SERCA in the endoplasmic reticulum membrane arrests Ca2+ signaling through proximity-covalent crosslinking. FEBS letters.

Malfatti MC, et al. (2026) The cooperative regulation of miR-221 by APE1 and AUF1 impacts p27Kip1 defining a miR signature relevant for cervical cancer. FEBS open bio, 16(6), 1222.

Lin SL, et al. (2026) Coiled-coil centrosomal proteins facilitate tubulin concentration via polyKR motifs. The FEBS journal.

Harmanda B, et al. (2026) Spatial control of Keratin 8 phosphorylation by Aurora B facilitates cytokinesis in cancer cells of epithelial origin. The FEBS journal, 293(14), 4149.

Fu B, et al. (2026) The molecular asynchrony of single cells. bioRxiv : the preprint server for biology.

Rosencrans WM, et al. (2025) Putative PINK1/Parkin activators lower the threshold for mitophagy by sensitizing cells to mitochondrial stress. Science advances, 11(35), eady0240.

Fantin RF, et al. (2025) Human monoclonal antibodies targeting A35 protect from death caused by mpox. Cell.

Li Q, et al. (2025) SUV39H1-dependent methyl-degron is a critical regulator of skeletal homeostasis. Cell reports, 44(7), 115910.

Hotta T, et al. (2025) Accessibility of the unstructured ?-tubulin C-terminal tail is controlled by microtubule lattice conformation. bioRxiv : the preprint server for biology.

Yi E, et al. (2025) Selective Depletion of Cancer Cells with Extrachromosomal DNA via Lentiviral Infection. Cancer research communications, 5(8), 1458.

Bäumlin E, et al. (2025) The impact of Coronavirus Nsp1 on host mRNA degradation is independent of its role in translation inhibition. Cell reports, 44(4), 115488.

Adriaenssens E, et al. (2025) Reconstitution of BNIP3/NIX-mitophagy initiation reveals hierarchical flexibility of the autophagy machinery. Nature cell biology, 27(8), 1272.

Hashizume T, et al. (2025) Biology-aware machine learning for culture medium optimization. New biotechnology, 89, 141.

Oflaz FE, et al. (2025) Annexin A5 controls VDAC1-dependent mitochondrial Ca2+ homeostasis and determines cellular susceptibility to apoptosis. The EMBO journal, 44(12), 3413.

Jenkins TW, et al. (2025) Highly specific Immunoproteasome inhibitor M3258 induces proteotoxic stress and apoptosis in KMT2A::AFF1 driven acute lymphoblastic leukemia. Scientific reports, 15(1), 17284.

Tang L, et al. (2025) Joint analysis of chromatin accessibility and gene expression in the same single cells reveals cancer-specific regulatory programs. Cell systems, 16(5), 101266.

McShane E, et al. (2024) A kinetic dichotomy between mitochondrial and nuclear gene expression processes. Molecular cell.

Bruno F, et al. (2024) Collisions of RNA polymerases behind the replication fork promote alternative RNA splicing in newly replicated chromatin. Molecular cell, 84(2), 221.

Wahl N, et al. (2024) SATB2 organizes the 3D genome architecture of cognition in cortical neurons. Molecular cell, 84(4), 621.