

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

HCT 116

RRID:CVCL_0291

Type: Cell Line

Proper Citation

RRID:CVCL_0291

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0291

Proper Citation: RRID:CVCL_0291

Description: Cell line HCT 116 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Colon carcinoma

Defining Citation: [PMID:2041050](#), [PMID:2835152](#), [PMID:3335022](#), [PMID:3955419](#), [PMID:6437669](#), [PMID:7214343](#), [PMID:7761852](#), [PMID:7824277](#), [PMID:7972006](#), [PMID:9000147](#), [PMID:9000572](#), [PMID:9023415](#), [PMID:9174048](#), [PMID:9178645](#), [PMID:9294210](#), [PMID:9331090](#), [PMID:9515795](#), [PMID:9563901](#), [PMID:9715273](#), [PMID:10612807](#), [PMID:10674020](#), [PMID:10700174](#), [PMID:10700188](#), [PMID:10737795](#), [PMID:11226274](#), [PMID:11314036](#), [PMID:11414198](#), [PMID:11416159](#), [PMID:11526487](#), [PMID:11687795](#), [PMID:12068308](#), [PMID:12584437](#), [PMID:12615714](#), [PMID:12671075](#), [PMID:12714694](#), [PMID:15748285](#), [PMID:15900046](#), [PMID:16418264](#), [PMID:16854228](#), [PMID:17088437](#), [PMID:17178751](#), [PMID:17363507](#), [PMID:18258742](#), [PMID:18340113](#), [PMID:19372543](#), [PMID:19927377](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20570890](#), [PMID:20606684](#), [PMID:21912889](#), [PMID:22068913](#), [PMID:22336246](#), [PMID:22347499](#), [PMID:22384151](#), [PMID:22460905](#), [PMID:22628656](#), [PMID:23272949](#), [PMID:23546019](#), [PMID:23631600](#), [PMID:23649806](#), [PMID:23671654](#), [PMID:23856246](#), [PMID:23933261](#), [PMID:24042735](#), [PMID:24279929](#), [PMID:24670534](#), [PMID:24755471](#), [PMID:25485619](#), [PMID:25576301](#), [PMID:25841592](#), [PMID:25877200](#), [PMID:25926053](#), [PMID:25944804](#), [PMID:25960936](#), [PMID:25984343](#), [PMID:26169745](#), [PMID:26537799](#), [PMID:26589293](#), [PMID:26719794](#), [PMID:27377824](#), [PMID:27397505](#), [PMID:27807467](#), [PMID:28179481](#), [PMID:28192450](#), [PMID:28196595](#), [PMID:28601559](#), [PMID:28683746](#), [PMID:28854368](#), [PMID:29101300](#), [PMID:29207035](#), [PMID:29444439](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31733513](#), [PMID:31978347](#), [PMID:32172478](#), [PMID:32927768](#), [PMID:34320349](#), [PMID:35839778](#), [PMID:36648961](#), [PMID:38861359](#)

Comments: Population: Caucasian., Part of: NCI-60 cancer cell line panel., Part of: NCI RAS program mutant KRAS cell line panel., Part of: MD Anderson Cell Lines Project., Part of: KuDOS 95 cell line panel., Part of: JFCR39 cancer cell line panel., Part of: FGFR genetic alteration cell panel (ATCC TCP-1034)., 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)., Part of: AstraZeneca Colorectal cell line (AZCL) panel.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HCT 116

Synonyms: HCT-116, HCT.116, HCT_116, HCT116, HCT116wt, HCT-116/P, HCT-116/parental, CoCL2

Cross References: BTO:BTO_0001109, CLO:CLO_0003665, EFO:EFO_0002824, MCCL:MCC:0000181, CLDB:cl1574, CLDB:cl1575, CLDB:cl5198, 4DN:4DNSRMUYIUGD, Abcam:ab255451, Abcam:ab273730, Abcam:ab288559, ABM:T8240, AddexBio:C0009005/41, ArrayExpress:E-MEXP-2623, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-MTAB-5197, ATCC:CCL-247, BCRC:60349, BCRJ:0288, BioGRID_ORCS_Cell_line:97, BioSample:SAMN03470980, BioSample:SAMN03471481, BioSample:SAMN03473487, BioSample:SAMN05292433, BioSample:SAMN10988251, cancercellines:CVCL_0291, CCRID:1101HUM-PUMC000158, CCRID:1101HUM-PUMC000331, CCRID:3101HUMTCHu99, CCRID:4201HUM-CCTCC00625, Cell_Model_Passport:SIDM00783, ChEMBL-Cells:ChEMBL3308372, ChEMBL-Targets:ChEMBL394, CLS:300195, ColonAtlas:HCT116, Cosmic:711257, Cosmic:720329, Cosmic:724840, Cosmic:869794, Cosmic:870449, Cosmic:873701, Cosmic:875296, Cosmic:875425, Cosmic:875847, Cosmic:876644, Cosmic:876706, Cosmic:887223, Cosmic:889535, Cosmic:897457, Cosmic:902790, Cosmic:905936, Cosmic:913887, Cosmic:934564, Cosmic:947355, Cosmic:948126, Cosmic:948861, Cosmic:985996, Cosmic:995410, Cosmic:1043815, Cosmic:1044257, Cosmic:1045410, Cosmic:1057752, Cosmic:1066205, Cosmic:1067220, Cosmic:1092600, Cosmic:1102383, Cosmic:1122325, Cosmic:1131683, Cosmic:1132568, Cosmic:1132689, Cosmic:1154644, Cosmic:1175840, Cosmic:1176588, Cosmic:1183769, Cosmic:1184080, Cosmic:1184333, Cosmic:1187306, Cosmic:1218874, Cosmic:1223141, Cosmic:1305353, Cosmic:1310945, Cosmic:1332008, Cosmic:1436021, Cosmic:1466804, Cosmic:1466815, Cosmic:1479594, Cosmic:1486132, Cosmic:1519359, Cosmic:1524003, Cosmic:1524333, Cosmic:1552179, Cosmic:1571772, Cosmic:1609495, Cosmic:1672408, Cosmic:1676727, Cosmic:1708402, Cosmic:1805253, Cosmic:1927246, Cosmic:1945865, Cosmic:1995437, Cosmic:1998442, Cosmic:2036656, Cosmic:2046556, Cosmic:2052593, Cosmic:2145576, Cosmic:2301978, Cosmic:2389569, Cosmic:2433755, Cosmic:2464667, Cosmic:2550353, Cosmic:2646766, Cosmic:2651864, Cosmic:2667881, Cosmic:2667972, Cosmic:2668248, Cosmic:2727479, Cosmic:2760068, Cosmic:2787545, Cosmic:2811054, Cosmic-CLP:905936, DepMap:ACH-000971, DSMZ:ACC-581, DSMZCellDive:ACC-581, ECACC:91091005, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, ENCODE:ENCBS004UZY, ENCODE:ENCBS009DQE, ENCODE:ENCBS257IHV, ENCODE:ENCBS378ENC, ENCODE:ENCBS389ENC, ENCODE:ENCBS409ENC, ENCODE:ENCBS409MTT, ENCODE:ENCBS431ENC, ENCODE:ENCBS471AAA,

ENCODE:ENCBS472AAA, ENCODE:ENCBS475AAA, ENCODE:ENCBS476AAA, ENCODE:ENCBS494OPB, ENCODE:ENCBS615KTO, ENCODE:ENCBS626JHZ, ENCODE:ENCBS650OZU, ENCODE:ENCBS847SOB, ENCODE:ENCBS851PYB, GDSC:905936, GEO:GSM810, GEO:GSM2143, GEO:GSM50188, GEO:GSM50252, GEO:GSM115118, GEO:GSM206501, GEO:GSM274713, GEO:GSM274714, GEO:GSM274726, GEO:GSM383862, GEO:GSM383867, GEO:GSM383868, GEO:GSM384091, GEO:GSM384092, GEO:GSM481405, GEO:GSM513818, GEO:GSM514292, GEO:GSM580039, GEO:GSM580040, GEO:GSM741266, GEO:GSM743443, GEO:GSM749774, GEO:GSM750773, GEO:GSM750793, GEO:GSM784012, GEO:GSM799331, GEO:GSM799394, GEO:GSM827446, GEO:GSM846355, GEO:GSM887062, GEO:GSM888132, GEO:GSM945287, GEO:GSM945304, GEO:GSM1022651, GEO:GSM1022652, GEO:GSM1153399, GEO:GSM1178133, GEO:GSM1178134, GEO:GSM1178135, GEO:GSM1181250, GEO:GSM1181367, GEO:GSM1346874, GEO:GSM1374516, GEO:GSM1374517, GEO:GSM1374518, GEO:GSM1404391, GEO:GSM1404392, GEO:GSM1448092, GEO:GSM1669868, GEO:GSM2124655, GEO:GSM2550001, GEO:GSM3145712, GEO:GSM3591761, IARC_TP53:21064, ICLC:HTL95025, IZSLER:BS TCL 100, KCB:KCB 200706YJ, KCLB:10247, LiGeA:CCL_168, LINCS_LDP:LCL-1161, Lonza:691, MeSH:D045325, MetaboLights:MTBLS227, NCBI_Iran:C570, NCI-DTP:HCT-116, PharmacDB:HCT116_517_2019, PRIDE:PXD000089, PRIDE:PXD000394, PRIDE:PXD001352, PRIDE:PXD001426, PRIDE:PXD001546, PRIDE:PXD001550, PRIDE:PXD002453, PRIDE:PXD002793, PRIDE:PXD003539, PRIDE:PXD004452, PRIDE:PXD005235, PRIDE:PXD005354, PRIDE:PXD005355, PRIDE:PXD005942, PRIDE:PXD005946, PRIDE:PXD025898, PRIDE:PXD030304, PRIDE:PXD032264, PRIDE:PXD037651, Progenetix:CVCL_0291, PubChem_Cell_line:CVCL_0291, RCB:RCB2979, SKY/M-FISH/CGH:1687, SKY/M-FISH/CGH:2778, SKY/M-FISH/CGH:2785, SKY/M-FISH/CGH:3883, TOKU-E:1422, Ubigen:YC-C004, Wikidata:Q28334584

ID: CVCL_0291

Record Creation Time: 20220427T220320+0000

Record Last Update: 20260815T233708+0000

Ratings and Alerts

No rating or validation information has been found for HCT 116.

No alerts have been found for HCT 116.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 15748 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Tao Y, et al. (2026) TENT5A Maintains MYC mRNA Stability to Enhance Osteosarcoma Stemness. *Cancer research*, 86(9), 2161.

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Chen W, et al. (2026) USP35 Acts as a Deubiquitinating Enzyme for ID3 to Promote Immune Escape in Colorectal Cancer. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e16588.

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Donada AJG, et al. (2026) *Tabernaemontana catharinensis*: A Source of Indole Alkaloids With Potential Activity as Chemotherapeutic Agents. *Chemistry & biodiversity*, 23(4), e03532.

Drouillard D, et al. (2026) Mutant KRAS promotes NF- κ B driven CCL20 chemokine expression in pancreatic ductal adenocarcinoma. *bioRxiv : the preprint server for biology*.

Ghaffari S, et al. (2026) A fully human pan VL9 HLA-E TCRm antibody enables functional dissection of HLA-E biology and checkpoint signaling. *iScience*, 29(5), 115669.

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Dinc B, et al. (2026) Advancing Accurate Quantification of Protein-Ligand Interactions: Differential Scanning Calorimetry as a Precision Screening Tool Using BCL-2 as a Model System. *ChemMedChem*, 21(5), e202500744.

Brennan A, et al. (2026) Intracellular cyclization-coupled peptide library screening yields potent transcription factor antagonists. *Cell chemical biology*, 33(3), 409.

??zerkan D, et al. (2026) Synthesis and characterization of NIR-sensitive curcumin-gelatin nanoparticles for targeted drug delivery in 3D colon cancer. *Scientific reports*, 16(1).