

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

SW1417

RRID:CVCL_1717

Type: Cell Line

Proper Citation

RRID:CVCL_1717

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1717

Proper Citation: RRID:CVCL_1717

Description: Cell line SW1417 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Colon adenocarcinoma

Defining Citation: [PMID:924690](#), [PMID:1778766](#), [PMID:3518877](#), [PMID:6935474](#), [PMID:7104989](#), [PMID:7459858](#), [PMID:7651727](#), [PMID:8464898](#), [PMID:9294210](#), [PMID:9331070](#), [PMID:10737795](#), [PMID:11226274](#), [PMID:12068308](#), [PMID:16418264](#), [PMID:16854228](#), [PMID:18258742](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20570890](#), [PMID:20606684](#), [PMID:22460905](#), [PMID:23272949](#), [PMID:24755471](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25926053](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29101300](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Population: Caucasian., From: Scott and White Clinic; Temple; USA., Part of: MD Anderson Cell Lines Project., Part of: KuDOS 95 cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: BRAF genetic alteration cell panel (ATCC TCP-1032)., Part of: AstraZeneca Colorectal cell line (AZCL) panel.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: SW1417

Synonyms: SW-1417, SW 1417

Cross References: BTO:BTO_0001536, CLO:CLO_0009187, CLO:CLO_0009211, EFO:EFO_0002361, CLDB:cl4430, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CCL-238, BioSample:SAMN03471478, BioSample:SAMN03471575, BioSample:SAMN10988333, cancercellines:CVCL_1717, Cell_Model_Passport:SIDM00812, ChEMBL-Cells:ChEMBL3308129, ChEMBL-Targets:ChEMBL1075588, ColonAtlas:SW1417, Cosmic:685869, Cosmic:909747, Cosmic:948838, Cosmic:986018, Cosmic:995413, Cosmic:1043826, Cosmic:1090352, Cosmic:1187321, Cosmic:1310940, Cosmic:1312314, Cosmic:1466825, Cosmic:1479614, Cosmic:1609491, Cosmic:1708405, Cosmic:1995650, Cosmic:2302014, Cosmic:2760075, Cosmic:2800577, Cosmic-CLP:909747, DepMap:ACH-000236, ECACC:90102543, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:909747, GEO:GSM206547, GEO:GSM513921, GEO:GSM514308, GEO:GSM741248, GEO:GSM827354, GEO:GSM887667, GEO:GSM888759, GEO:GSM1346857, GEO:GSM1374919, GEO:GSM1374920, GEO:GSM1448089, GEO:GSM1670500, IARC_TP53:21762, ICLC:HTL00005, IGRhCellID:SW1417, LiGeA:CCLE_528, LINCS_LDP:LCL-1185, PharmacDB:SW1417_1530_2019, PRIDE:PXD005354, PRIDE:PXD005355, PRIDE:PXD030304, Progenetix:CVCL_1717, PubChem_Cell_line:CVCL_1717, Wikidata:Q54971081

ID: CVCL_1717

Record Creation Time: 20220427T221614+0000

Record Last Update: 20260913T010149+0000

Ratings and Alerts

No rating or validation information has been found for SW1417.

Warning: Discontinued: ICLC; HTL00005

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Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Santiappillai NT, et al. (2025) Pathway metabolite ratios reveal distinctive glutamine metabolism in a subset of proliferating cells. Molecular systems biology, 21(8), 983.

Martinez-Martinez D, et al. (2025) Chemotherapy modulation by a cancer-associated microbiota metabolite. *Cell systems*, 16(9), 101397.

Lee HM, et al. (2024) Epigenome Reprogramming Through H3K27 and H3K4 Trimethylation as a Resistance Mechanism to DNA Methylation Inhibition in BRAFV600E-Mutated Colorectal Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(22), 5166.

Itan M, et al. (2024) Eosinophils exhibit a unique transcriptional signature and increased sensitivity to IL-3-induced activation in response to colorectal cancer cells. *Journal of leukocyte biology*, 116(2), 424.

Miller AL, et al. (2023) DAB2IP Is a Bifunctional Tumor Suppressor That Regulates Wild-Type RAS and Inflammatory Cascades in KRAS Mutant Colon Cancer. *Cancer research*, 83(11), 1800.

Terzo E, et al. (2023) A Novel Class of Ribosome Modulating Agents Exploits Cancer Ribosome Heterogeneity to Selectively Target the CMS2 Subtype of Colorectal Cancer. *Cancer research communications*, 3(6), 969.

Gymnopoulos M, et al. (2020) TR1801-ADC: a highly potent cMet antibody-drug conjugate with high activity in patient-derived xenograft models of solid tumors. *Molecular oncology*, 14(1), 54.