

Resource Summary Report

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HCC70

RRID:CVCL_1270

Type: Cell Line

Proper Citation

(RRID:CVCL_1270)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1270

Proper Citation: (RRID:CVCL_1270)

Sex: Female

Defining Citation: [PMID:9833771](#), [PMID:9865903](#), [PMID:11314036](#), [PMID:17157791](#), [PMID:18516279](#), [PMID:19582160](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20679594](#), [PMID:22460905](#), [PMID:23151021](#), [PMID:23601657](#), [PMID:24094812](#), [PMID:24176112](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25960936](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:28287265](#), [PMID:28889351](#), [PMID:29473000](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Miscellaneous: Direct author submission of STR profile from Girard, Luc and Gazdar, Adi F., Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: shRNA library screening., Omics: Protein expression by reverse-phase protein arrays., Omics: miRNA expression profiling., Omics: Glycoproteome analysis by proteomics., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Omics: CRISPR phenotypic screen., Omics: CNV analysis., Population: African American., Part of: MD Anderson Cell Lines Project., Part of: ICBP43 breast cancer cell line panel., Part of: JWGray breast cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Triple negative breast cancer (TNBC) cell line.

Category: Cancer cell line

Name: HCC70

Synonyms: HCC-70, HCC 70, HCC0070, Hamon Cancer Center 70

Cross References: BTO:BTO_0005963, CLO:CLO_0003658, EFO:EFO_0001181, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-TABM-157, ArrayExpress:E-TABM-244, ATCC:CRL-2315, BCRJ:0386, BioGRID_ORCS_Cell_line:870, BioSample:SAMN03471365, BioSample:SAMN03471868, BioSample:SAMN10988137, cancercellines:CVCL_1270, Cell_Model_Passport:SIDM00673, ChEMBL-Cells:ChEMBL3308739, ChEMBL-Targets:ChEMBL1075461, Cosmic:687486, Cosmic:904357, Cosmic:907048, Cosmic:1018474, Cosmic:1047703, Cosmic:1136352, Cosmic:1287933, Cosmic:1603213, Cosmic:1935001, Cosmic:1995435, Cosmic:2164994, Cosmic-CLP:907048, DepMap:ACH-000668, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:907048, GEO:GSM217580, GEO:GSM344372, GEO:GSM344422, GEO:GSM350500, GEO:GSM718288, GEO:GSM783941, GEO:GSM847391, GEO:GSM844014, GEO:GSM844015, GEO:GSM887058, GEO:GSM888128, GEO:GSM1053711, GEO:GSM1172969, GEO:GSM1172876, GEO:GSM1374512, GEO:GSM1401660, GEO:GSM1669862, IARC_TP53:10269, IGRhCellID:HCC70, KCLB:9S0070, LiGeA:CCL_774, LINCS_HMS:50219, LINCS_LDP:LCL-1335, PharmacDB:HCC70_509_2019, PRIDE:PXD005295, PRIDE:PXD030304, Progenetix:CVCL_1270, PubChem_Cell_line:CVCL_1270, SLKBase:3492, Wikidata:Q54881772

ID: CVCL_1270

Record Creation Time: 20250131T200324+0000

Record Last Update: 20250131T201526+0000

Ratings and Alerts

No rating or validation information has been found for HCC70.

No alerts have been found for HCC70.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 355 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Papacharisi E, et al. (2024) Novel Amanitin-based Antibody Drug Conjugates (ATAC®)

targeting TROP2 for the treatment of Pancreatic Cancer. Molecular cancer therapeutics.

Mulkearns-Hubert EE, et al. (2024) Targeting NANOG and FAK via Cx26-derived Cell-penetrating Peptides in Triple-negative Breast Cancer. Molecular cancer therapeutics, 23(1), 56.

Sandor LF, et al. (2024) De novo steroidogenesis in tumor cells drives bone metastasis and osteoclastogenesis. Cell reports, 43(3), 113936.

Marks MP, et al. (2024) Role of hydroxymethylglutaryl-coenzyme A reductase in the induction of stem-like states in breast cancer. Journal of cancer research and clinical oncology, 150(2), 106.

Gali A, et al. (2024) Protein kinase D drives the secretion of invasion mediators in triple-negative breast cancer cell lines. iScience, 27(2), 108958.

Rutkowska A, et al. (2024) Synergistic Effects of PARP Inhibition and Cholesterol Biosynthesis Pathway Modulation. Cancer research communications, 4(9), 2427.

Tian Y, et al. (2023) Akt3 promotes cancer stemness in triple-negative breast cancer through YB1-Snail/Slug signaling axis. Genes & diseases, 10(2), 301.

Venghateri JB, et al. (2023) Deciphering the involvement of the Hippo pathway co-regulators, YAP/TAZ in invadopodia formation and matrix degradation. Cell death & disease, 14(4), 290.

Xie X, et al. (2023) Maternal Embryonic Leucine Zipper Kinase is Associated with Metastasis in Triple-negative Breast Cancer. Cancer research communications, 3(6), 1078.

Zou H, et al. (2023) Natural compounds ursolic acid and digoxin exhibit inhibitory activities to cancer cells in ROR γ -dependent and -independent manner. Frontiers in pharmacology, 14, 1146741.

Roche S, et al. (2023) Preclinical evaluation of Insulin-like growth factor receptor 1 (IGF1R) and Insulin Receptor (IR) as a therapeutic targets in triple negative breast cancer. PloS one, 18(3), e0282512.

Han YJ, et al. (2023) An enhancer variant associated with breast cancer susceptibility in Black women regulates TNFSF10 expression and antitumor immunity in triple-negative breast cancer. Human molecular genetics, 32(1), 139.

Liu J, et al. (2023) The ubiquitin ligase TRIM21 regulates mutant p53 accumulation and gain of function in cancer. The Journal of clinical investigation, 133(6).

Kim JY, et al. (2023) MiR-221 and miR-222 regulate cell cycle progression and affect chemosensitivity in breast cancer by targeting ANXA3. Experimental and therapeutic medicine, 25(3), 127.

Graff BT, et al. (2023) Benzimidazole carbamate induces cytotoxicity in breast cancer cells via two distinct cell death mechanisms. *Cell death discovery*, 9(1), 162.

Lin CH, et al. (2023) Carboxyl-terminal modulator protein facilitates tumor metastasis in triple-negative breast cancer. *Cancer gene therapy*, 30(3), 404.

Xie X, et al. (2023) Identification of Kinase Targets for Enhancing the Antitumor Activity of Eribulin in Triple-Negative Breast Cell Lines. *Biomedicines*, 11(3).

Das S, et al. (2023) Stromal depletion by TALEN-edited universal hypoimmunogenic FAP-CAR T cells enables infiltration and anti-tumor cytotoxicity of tumor antigen-targeted CAR-T immunotherapy. *Frontiers in immunology*, 14, 1172681.

Limsakul P, et al. (2023) Transcriptomic Analysis of Subtype-Specific Tyrosine Kinases as Triple Negative Breast Cancer Biomarkers. *Cancers*, 15(2).

Ma Y, et al. (2023) LncRNA XIST regulates breast cancer stem cells by activating proinflammatory IL-6/STAT3 signaling. *Oncogene*, 42(18), 1419.