

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

ZR-75-30

RRID:CVCL_1661

Type: Cell Line

Proper Citation

RRID:CVCL_1661

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1661

Proper Citation: RRID:CVCL_1661

Description: Cell line ZR-75-30 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Invasive breast carcinoma of no special type

Defining Citation: [PMID:688225](#), [PMID:3335022](#), [PMID:10969801](#), [PMID:11044355](#), [PMID:11414198](#), [PMID:12836015](#), [PMID:16397213](#), [PMID:16417655](#), [PMID:16541312](#), [PMID:17157791](#), [PMID:19582160](#), [PMID:19593635](#), [PMID:20070913](#), [PMID:20164919](#), [PMID:22460905](#), [PMID:23151021](#), [PMID:23260012](#), [PMID:23601657](#), [PMID:24009699](#), [PMID:24094812](#), [PMID:24176112](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25960936](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31395879](#), [PMID:35839778](#)

Comments: Population: African American., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: JWGray breast cancer cell line panel., Part of: ICBP43 breast cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: ZR-75-30

Synonyms: ZR75-30, ZR7530, ZR 7530

Cross References: BTO:BTO_0004915, CLO:CLO_0009728, EFO:EFO_0001263, CLDB:cl4822, CLDB:cl4823, CLDB:cl4824, ArrayExpress:E-MTAB-783, ArrayExpress:E-

MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-TABM-157, ATCC:CRL-1504, BCRC:60056, BioSample:SAMN03471856, BioSample:SAMN10988534, cancercellines:CVCL_1661, CCRID:1101HUM-PUMC000240, CCRID:3101HUMTCHu203, CCTCC:GDC0054, Cell_Model_Passport:SIDM00971, ChEMBL-Cells:ChEMBL3308094, ChEMBL-Targets:ChEMBL1075613, CLS:305389, Cosmic:687504, Cosmic:871160, Cosmic:877444, Cosmic:894095, Cosmic:904399, Cosmic:909907, Cosmic:921977, Cosmic:949194, Cosmic:979716, Cosmic:1046953, Cosmic:1047719, Cosmic:1136346, Cosmic:1152523, Cosmic:1287913, Cosmic:1289422, Cosmic:1571790, Cosmic:1603230, Cosmic:2165016, Cosmic-CLP:909907, DepMap:ACH-000828, ECACC:88113004, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:909907, GEO:GSM69200, GEO:GSM73747, GEO:GSM115121, GEO:GSM217611, GEO:GSM219946, GEO:GSM274678, GEO:GSM344379, GEO:GSM344429, GEO:GSM350533, GEO:GSM421898, GEO:GSM783957, GEO:GSM844726, GEO:GSM844727, GEO:GSM847450, GEO:GSM847510, GEO:GSM887751, GEO:GSM888846, GEO:GSM984235, GEO:GSM1053719, GEO:GSM1172909, GEO:GSM1173005, GEO:GSM1238138, GEO:GSM1401666, GEO:GSM1661991, GEO:GSM1670589, IARC_TP53:21112, LiGeA:CCL_237, LINCS_HMS:50575, LINCS_LDP:LCL-1322, PharmacDB:ZR7530_1690_2019, PRIDE:PXD030304, Progenetix:CVCL_1661, PubChem_Cell_line:CVCL_1661, SLKBase:3628, Wikidata:Q54996119

ID: CVCL_1661

Record Creation Time: 20220427T221743+0000

Record Last Update: 20260920T010241+0000

Ratings and Alerts

No rating or validation information has been found for ZR-75-30.

No alerts have been found for ZR-75-30.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 105 mentions in open access literature.

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

Luo Z, et al. (2026) LDHB Deficiency in Fibroblasts Induces Lactate-Mediated Inflammatory Reprogramming That Promotes Breast Cancer Metastasis. Cancer research, 86(11), 2703.

Chatterjee E, et al. (2026) Autophagy-lysosomal dependency defines a vulnerable physiological state in drug-tolerant persister cells of triple-negative breast cancer.

Apoptosis : an international journal on programmed cell death, 31(5).

Hu H, et al. (2026) ?Pharma: A microfluidic, AI-driven pharmacotyping platform for single-cell drug sensitivity prediction in leukemia. *Med (New York, N.Y.)*, 7(3), 100966.

Sottnik JL, et al. (2026) Advanced models of lobular breast cancer metastasis capture clinical organ tropism, endocrine response, and bone remodeling. *bioRxiv : the preprint server for biology*.

Chen WT, et al. (2026) Functional genomic analysis reveals HAVCR1 as the key regulator of 5q33.3 locus linked to hyperlipidemia. *HGG advances*, 7(3), 100630.

Liu Y, et al. (2025) Mechanism by which the molecular glue-like verteporfin induces IRE1? dimerization and activation to synergize with AKT inhibition in breast cancer. *Cell chemical biology*, 32(6), 854.

Vykoukal J, et al. (2025) Vesicle-mediated mitochondrial clearance presents an actionable metabolic vulnerability in triple-negative breast cancer. *Cell reports. Medicine*, 6(12), 102478.

Sobsey CA, et al. (2024) mTORC1-Driven Protein Translation Correlates with Clinical Benefit of Capivasertib within a Genetically Preselected Cohort of PIK3CA-Altered Tumors. *Cancer research communications*, 4(8), 2058.

Rybinska I, et al. (2024) SAA1-dependent reprogramming of adipocytes by tumor cells is associated with triple negative breast cancer aggressiveness. *International journal of cancer*.

Kjølle S, et al. (2023) Hypoxia induced responses are reflected in the stromal proteome of breast cancer. *Nature communications*, 14(1), 3724.

Lee KY, et al. (2023) Hypoxia-responsive circular RNA circAAGAB reduces breast cancer malignancy by activating p38 MAPK and sponging miR-378 h. *Cancer cell international*, 23(1), 45.

Li Y, et al. (2023) KLF12 promotes the proliferation of breast cancer cells by reducing the transcription of p21 in a p53-dependent and p53-independent manner. *Cell death & disease*, 14(5), 313.

Cheng H, et al. (2023) The development of an anti-cancer peptide M1-21 targeting transcription factor FOXM1. *Cell & bioscience*, 13(1), 114.

Zhang F, et al. (2022) Deacetylation of MTHFD2 by SIRT4 senses stress signal to inhibit cancer cell growth by remodeling folate metabolism. *Journal of molecular cell biology*, 14(4).

Xiao Q, et al. (2022) Regulation of KDM5C stability and enhancer reprogramming in breast cancer. *Cell death & disease*, 13(10), 843.

Jiang K, et al. (2022) microRNA-20b-5p overexpression combing Pembrolizumab potentiates cancer cells to radiation therapy via repressing programmed death-ligand 1. *Bioengineered*, 13(1), 917.

Liu X, et al. (2022) TNFRSF9 Suppressed the Progression of Breast Cancer via the p38MAPK/PAX6 Signaling Pathway. *Journal of oncology*, 2022, 8549781.

Yang Y, et al. (2021) FBXL10 promotes EMT and metastasis of breast cancer cells via regulating the acetylation and transcriptional activity of SNAI1. *Cell death discovery*, 7(1), 328.

Lin B, et al. (2021) MiR-105-3p acts as an oncogene to promote the proliferation and metastasis of breast cancer cells by targeting GOLIM4. *BMC cancer*, 21(1), 275.

Xu X, et al. (2021) LncRNA SNHG8 Serves as an Oncogene in Breast Cancer Through miR-634/ZBTB20 Axis. *Cancer management and research*, 13, 3017.