Resource Summary Report

Generated by dkNET on Sep 1, 2026

MDA-MB-415

RRID:CVCL_0621
Type: Cell Line

Proper Citation

RRID:CVCL_0621

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0621

Proper Citation: RRID:CVCL_0621

Description: Cell line MDA-MB-415 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Breast adenocarcinoma

Defining Citation: PMID:730202, PMID:6935474, PMID:7272986, PMID:9331070, PMID:10969801, PMID:11343771, PMID:12800145, PMID:16397213, PMID:16541312, PMID:17157791, PMID:18516279, PMID:19593635, PMID:20070913, PMID:20164919, PMID:22460905, PMID:23601657, PMID:24094812, PMID:24162158, PMID:24176112, PMID:25485619, PMID:25877200, PMID:26589293, PMID:27397505, PMID:28196595, PMID:28889351, PMID:30894373, PMID:30971826, PMID:31068700, PMID:35839778

Comments: 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)., Part of: AKT genetic alteration cell panel (ATCC TCP-1029).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: MDA-MB-415

Synonyms: MDA-MB415, MDAMB415, MDA-415, MDA415, MD Anderson-Metastatic Breast-415

Cross References: BTO:BTO_0006039, CLO:CLO_0007637, EFO:EFO_0001212, CLDB:cl3407, CLDB:cl7127, 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:HTB-128, BioGRID_ORCS_Cell_line:555, BioSample:SAMN03471279, BioSample:SAMN10988336, cancercelllines:CVCL_0621, CCRID:1101HUM-PUMC000350, CCRID:3101HUMTCHu175, Cell_Model_Passport:SIDM00630, ChEMBL-Cells:CHEMBL3308760, ChEMBL-Targets:CHEMBL1075498, CLS:305129, Cosmic:871148, Cosmic:894088, Cosmic:897424, Cosmic:904380, Cosmic:924240, Cosmic:949190, Cosmic:1010917, Cosmic:1027054, Cosmic:1044225, Cosmic:1046928, Cosmic:1047697, Cosmic:1090334, Cosmic:1136348, Cosmic:1176650, Cosmic:1287896, Cosmic:1289398, Cosmic:1434954, Cosmic:1502207, Cosmic:1603221, Cosmic:1609460, Cosmic:2165026, Cosmic:2301530, Cosmic:2750527, Cosmic-CLP:924240, DepMap:ACH-000876, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:924240, GEO:GSM115101, GEO:GSM149982, GEO:GSM149990, GEO:GSM149998, GEO:GSM186440, GEO:GSM186441, GEO:GSM217588, GEO:GSM344351, GEO:GSM344401, GEO:GSM421876, GEO:GSM783953, GEO:GSM844596, GEO:GSM844597, GEO:GSM844598, GEO:GSM844599, GEO:GSM847415, GEO:GSM847495, GEO:GSM887297, GEO:GSM888372, GEO:GSM1008907, GEO:GSM1053714, GEO:GSM1172981, GEO:GSM1215266, GEO:GSM1238122, GEO:GSM1374656, GEO:GSM1670083, IARC_TP53:24355, ICLC:HTL02005, LiGeA:CCLE_116, LINCS_HMS:50332, LINCS_LDP:LCL-1469, Lonza:1252, PharmacoDB:MDAMB415_903_2019, PRIDE:PXD002486, PRIDE:PXD030304, Progenetix:CVCL_0621, PubChem_Cell_line:CVCL_0621, SLKBase:3604, Ubigene:YC-D007, Wikidata:Q54904630

ID: CVCL_0621

Record Creation Time: 20220427T220755+0000

Record Last Update: 20260829T234602+0000

Ratings and Alerts

No rating or validation information has been found for MDA-MB-415.

No alerts have been found for MDA-MB-415.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Johnson Thomas AL, et al. (2026) Pharmacological chromatin remodeling enhances response to estrogen therapy in ER+ breast cancer. Molecular oncology.

Zhou W, et al. (2026) Giredestrant immobilizes the estrogen receptor to exert potent antitumor efficacy against ER-active breast cancers. Cell chemical biology, 33(6), 785.

Palmer CL, et al. (2025) CDK4 selective inhibition improves preclinical anti-tumor efficacy and safety. Cancer cell, 43(3), 464.

Rodina A, et al. (2023) Systems-level analyses of protein-protein interaction network dysfunctions via epichaperomics identify cancer-specific mechanisms of stress adaptation. Nature communications, 14(1), 3742.

Spears ME, et al. (2022) De novo sphingolipid biosynthesis necessitates detoxification in cancer cells. Cell reports, 40(13), 111415.

Tognetti M, et al. (2021) Deciphering the signaling network of breast cancer improves drug sensitivity prediction. Cell systems, 12(5), 401.

Liu Y, et al. (2020) Chemical Biology Toolkit for DCLK1 Reveals Connection to RNA Processing. Cell chemical biology, 27(10), 1229.

Yan P, et al. (2020) Molecular Stressors Engender Protein Connectivity Dysfunction through Aberrant N-Glycosylation of a Chaperone. Cell reports, 31(13), 107840.

Chopra SS, et al. (2020) Torin2 Exploits Replication and Checkpoint Vulnerabilities to Cause Death of PI3K-Activated Triple-Negative Breast Cancer Cells. Cell systems, 10(1), 66.

Johnstone CN, et al. (2020) FGF13 promotes metastasis of triple-negative breast cancer. International journal of cancer, 147(1), 230.

Patterson JC, et al. (2019) VISAGE Reveals a Targetable Mitotic Spindle Vulnerability in Cancer Cells. Cell systems, 9(1), 74.