Resource Summary Report

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A-375

RRID:CVCL_0132
Type: Cell Line

Proper Citation

(RRID:CVCL_0132)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0132

Proper Citation: (RRID:CVCL_0132)

Sex: Female

Defining Citation: PMID:77569, PMID:265522, PMID:327080, PMID:375235, PMID:833871, PMID:1832891, PMID:3518877, PMID:4357758, PMID:6220172, PMID:6500159, PMID:6584666, PMID:6954533, PMID:9670966, PMID:9973934, PMID:10497214, PMID:12068308, PMID:14871852, PMID:15009714, PMID:15467732, PMID:17308088, PMID:18172304, PMID:19727395, PMID:20164919, PMID:20215515, PMID:21343389, PMID:21424129, PMID:21673604, PMID:21857157, PMID:22178978, PMID:22282976, PMID:22460905, PMID:23039341, PMID:24581590, PMID:25056119, PMID:25485619, PMID:25877200, PMID:25960936, PMID:26405815, PMID:26589293, PMID:26673621, PMID:27397505, PMID:28196595, PMID:29275043, PMID:29492214, PMID:29605720, PMID:30894373, PMID:30971826, PMID:31068700, PMID:31978347, PMID:35128241, PMID:35839778

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Secretome proteome analysis., Omics: Proteome analysis by 2D-DE/MS., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep proteome analysis., Omics: Deep phosphoproteome analysis., Omics: Deep exome analysis., Omics: CRISPR phenotypic screen., Omics: Array-based CGH., Population: Caucasian., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: MD Anderson Cell Lines Project., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Name: A-375

Synonyms: A 375, A375, A375-MEL, A375-mel, A375mel, 375

Cross References: BTO:BTO_0002806, CLO:CLO_0001544, CLO:CLO_0001581, CLO:CLO_0001582, EFO:EFO_0002103, MCCL:MCC:0000024, CLDB:cl198, CLDB:cl199, Abcam:ab275461, AddexBio:C0020004/4992, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1619, ATCC:CRL-7904, BCRC:60039, BCRJ:0278, BioGRID_ORCS_Cell_line:44, BioSample:SAMN03472142, BioSample:SAMN05292441, BioSample:SAMN07709998, BioSample:SAMN07709999, BioSample:SAMN07710000, BioSample:SAMN07710001, BioSample:SAMN07710002, BioSample:SAMN07710003, BioSample:SAMN07710004, BioSample:SAMN10988347, cancercelllines:CVCL_0132, CCRID:1101HUM-PUMC000126, CCRID:1101HUM-PUMC000327, CCRID:3101HUMSCSP533, CCRID:3101HUMTCHu155, CCRID:4201HUM-CCTCC00285, CCTCC:GDC0285, CCTCC:GDC0314, Cell_Model_Passport:SIDM00795, CGH-DB:9313-4, ChEMBL-Cells:CHEMBL3308077, ChEMBL-Targets:CHEMBL613859, CLS:300110, Cosmic:686480, Cosmic:687431, Cosmic:706114, Cosmic:876698, Cosmic:888861, Cosmic:897482, Cosmic:897735, Cosmic:905226, Cosmic:906793, Cosmic:928688, Cosmic:933003, Cosmic:1006556, Cosmic:1022280, Cosmic:1054855, Cosmic:1132587, Cosmic:1155278, Cosmic:1211162, Cosmic:1303032, Cosmic:1458961, Cosmic:1459655, Cosmic:1477406, Cosmic:1481413, Cosmic:1507620, Cosmic:1537486, Cosmic:1555009, Cosmic:1669118, Cosmic:1812178, Cosmic:1888914, Cosmic:1890486, Cosmic:1989294, Cosmic:1995332, Cosmic:2036699, Cosmic:2230112, Cosmic:2233660, Cosmic:2479252, Cosmic:2791113, Cosmic-CLP:906793, DepMap:ACH-000219, ECACC:88113005, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, ENCODE:ENCBS606AAA, ENCODE:ENCBS607AAA, GDSC:906793, GEO:GSM206443, GEO:GSM218051, GEO:GSM274681, GEO:GSM276771, GEO:GSM555121, GEO:GSM555173, GEO:GSM827158, GEO:GSM886854, GEO:GSM887919, GEO:GSM952580, GEO:GSM1092559, GEO:GSM1138787, GEO:GSM1177892, GEO:GSM1177893, GEO:GSM1374382, GEO:GSM1669582, GEO:GSM1671962, GEO:GSM1671967, GEO:GSM1671977, GEO:GSM1671981, GEO:GSM1671982, GEO:GSM1671987, GEO:GSM1671990, GEO:GSM1672001, GEO:GSM1672004, GEO:GSM1672007, GEO:GSM1672011, GEO:GSM1672017, GEO:GSM1672024, GEO:GSM1672027, GEO:GSM1672030, GEO:GSM1672039, GEO:GSM1672051, GEO:GSM1672062, GEO:GSM1672067, GEO:GSM1672078, GEO:GSM1672097, GEO:GSM1672102, GEO:GSM1672119, GEO:GSM1672135, GEO:GSM3039510, GEO:GSM3039516, GEO:GSM3039517, GEO:GSM3039518, IARC_TP53:21163, IBRC:C10141, IGRhCellID:A375, IZSLER:BS TCL 88, KCB:KCB 99003YJ, LiGeA:CCLE_226, LINCS_HMS:50060, LINCS_LDP:LCL-1235, Lonza:970, NCBI_Iran:C136, PharmacoDB:A375_42_2019, PRIDE:PXD001485, PRIDE:PXD004343, PRIDE:PXD005912, PRIDE:PXD007265, PRIDE:PXD021877, PRIDE:PXD022992, PRIDE:PXD025255, PRIDE:PXD025881, PRIDE:PXD026952, PRIDE:PXD027886, PRIDE:PXD028863, PRIDE:PXD030304, Progenetix:CVCL_0132,

PubChem_Cell_line:CVCL_0132, Ubigene:YC-C036, Wikidata:Q54605986

ID: CVCL_0132

Record Creation Time: 20250131T193537+0000

Record Last Update: 20250131T193616+0000

Ratings and Alerts

No rating or validation information has been found for A-375.

Warning: Discontinued: ATCC; CRL-7904
Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Secretome proteome analysis., Omics: Proteome analysis by 2D-DE/MS., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep proteome analysis., Omics: Deep phosphoproteome analysis., Omics: Deep exome analysis., Omics: CRISPR phenotypic screen., Omics: Array-based CGH., Population: Caucasian., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: MD Anderson Cell Lines Project., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 3383 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Ren Z, et al. (2025) A peptide encoded by LINC00944 suppresses the growth of melanoma cells by diminishing EP400-MYC interaction. Biochemical pharmacology, 231, 116652.

Weingarten-Gabbay S, et al. (2024) The HLA-II immunopeptidome of SARS-CoV-2. Cell reports, 43(1), 113596.

Zhang P, et al. (2024) Acquired and intrinsic resistance to vemurafenib in BRAFV600E - driven melanoma brain metastases. FEBS open bio, 14(1), 96.

Ling H, et al. (2024) HDAC10 inhibition represses melanoma cell growth and BRAF inhibitor resistance via upregulating SPARC expression. NAR cancer, 6(2), zcae018.

Li Y, et al. (2024) IGSF8 is an innate immune checkpoint and cancer immunotherapy target.

Cell, 187(11), 2703.

Zhu L, et al. (2024) IFN-?-responsiveness of lymphatic endothelial cells inhibits melanoma lymphatic dissemination via AMPK-mediated metabolic control. Biochimica et biophysica acta. Molecular basis of disease, 1870(7), 167314.

Nguyen TN, et al. (2024) Transcriptional and functional regulation of cell cycle and UV response by PPAR? in human skin epidermal cells. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(23), e70212.

Wang H, et al. (2024) Nucleo-cytosolic acetyl-CoA drives tumor immune evasion by regulating PD-L1 in melanoma. Cell reports, 43(12), 115015.

Martínez-Quintanilla J, et al. (2024) Precision Oncology and Systemic Targeted Therapy in Pseudomyxoma Peritonei. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(18), 4082.

Waddell A, et al. (2024) p300 KAT Regulates SOX10 Stability and Function in Human Melanoma. Cancer research communications, 4(8), 1894.

Zhu X, et al. (2024) NAMPT-targeting PROTAC and nicotinic acid co-administration elicit safe and robust anti-tumor efficacy in NAPRT-deficient pan-cancers. Cell chemical biology, 31(6), 1203.

Hofman DA, et al. (2024) Translation of non-canonical open reading frames as a cancer cell survival mechanism in childhood medulloblastoma. Molecular cell, 84(2), 261.

Tao H, et al. (2024) PRMT1 Inhibition Activates the Interferon Pathway to Potentiate Antitumor Immunity and Enhance Checkpoint Blockade Efficacy in Melanoma. Cancer research, 84(3), 419.

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

Kopparapu PR, et al. (2024) Identification and Characterization of a Small Molecule Bcl-2 Functional Converter. Cancer research communications, 4(3), 634.

Murali VS, et al. (2024) RhoA activation promotes glucose uptake to elevate proliferation in MAPK inhibitor resistant melanoma cells. bioRxiv : the preprint server for biology.

Wang Y, et al. (2024) Discovery of galectin-8 as an LILRB4 ligand driving M-MDSCs defines a class of antibodies to fight solid tumors. Cell reports. Medicine, 5(1), 101374.

Martins C, et al. (2024) Tumor cell-intrinsic PD-1 promotes Merkel cell carcinoma growth by activating downstream mTOR-mitochondrial ROS signaling. Science advances, 10(3), eadi2012.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. Cell

chemical biology, 31(7), 1247.

Becker AMD, et al. (2024) Inhibition of CSF-1R and IL-6R prevents conversion of cDC2s into immune incompetent tumor-induced DC3s boosting DC-driven therapy potential. Cell reports. Medicine, 5(2), 101386.