

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

WM115

RRID:CVCL_0040

Type: Cell Line

Proper Citation

RRID:CVCL_0040

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0040

Proper Citation: RRID:CVCL_0040

Description: Cell line WM115 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Melanoma

Defining Citation: [PMID:2253310](#), [PMID:3020539](#), [PMID:3856042](#), [PMID:4053039](#), [PMID:11121133](#), [PMID:15009714](#), [PMID:15467732](#), [PMID:15592718](#), [PMID:16827748](#), [PMID:16957166](#), [PMID:18632627](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:21424129](#), [PMID:22460905](#), [PMID:25485619](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Caution: The reported STR profile from Wistar of this cell line was changed at one point between February 2016 when we retrieved them and entered them in Cellosaurus and May 2018. The major changes were: CSF1PO., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Part of: MD Anderson Cell Lines Project., Part of: Human Protein Atlas, Cell Atlas 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: WM115

Synonyms: WM-115, WM 115, WM115F, WM115-mel, WM115mel, WC00079

Cross References: BTO:BTO_0003075, CLO:CLO_0009613, EFO:EFO_0002390, CLDB:cl4727, CLDB:cl4728, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1675, BioGRID_ORCS_Cell_line:345, BioSample:SAMN10987773, cancercellines:CVCL_0040, Cell_Model_Passport:SIDM01000, CGH-DB:9323-4, ChEMBL-Cells:ChEMBL3308813, ChEMBL-Targets:ChEMBL1075611, Coriell:WC00079, Cosmic:886835, Cosmic:888868, Cosmic:897480, Cosmic:905236, Cosmic:909784, Cosmic:932717, Cosmic:972277, Cosmic:1155268, Cosmic:1155547, Cosmic:1238102, Cosmic:1238104, Cosmic-CLP:909784, DepMap:ACH-000304, ECACC:91061232, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, ESTDAB:ESTDAB-066, GDSC:909784, GEO:GSM109022, GEO:GSM827472, GEO:GSM887735, GEO:GSM888830, GEO:GSM1670576, GEO:GSM7701424, GEO:GSM7701435, IARC_TP53:21271, IARC_TP53:24992, IGRhCellID:WM115, IZSLER:BS TCL 74, LiGeA:CCLE_370, LINCS_HMS:50567, LINCS_LDP:LCL-1260, Lonza:584, PharmacDB:WM115_1662_2019, PRIDE:PXD030304, Progenetix:CVCL_0040, PubChem_Cell_line:CVCL_0040, Rockland:WM115-01-0001, Wikidata:Q54994157

ID: CVCL_0040

Record Creation Time: 20220427T221721+0000

Record Last Update: 20260920T010141+0000

Ratings and Alerts

No rating or validation information has been found for WM115.

Warning: Discontinued: ATCC; CRL-1675

Caution: The reported STR profile from Wistar of this cell line was changed at one point between February 2016 when we retrieved them and entered them in Cellosaurus and May 2018. The major changes were: CSF1PO., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Part of: MD Anderson Cell Lines Project., Part of: Human Protein Atlas, Cell Atlas panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Warning: Discontinued: Coriell; WC00079

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Warning: Discontinued: ECACC; 91061232

Caution: The reported STR profile from Wistar of this cell line was changed at one point between February 2016 when we retrieved them and entered them in Cellosaurus and May 2018. The major changes were: CSF1PO., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Part of: MD Anderson Cell Lines Project., Part of: Human Protein Atlas, Cell Atlas panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Zheng Y, et al. (2026) Allicin Attenuates Sepsis-Induced Acute Kidney Injury by Inhibiting Pyroptosis Through Negative Regulation of the PI3K/AKT Pathway. Mediators of inflammation, 2026(1), e5454020.

Jin Y, et al. (2026) The aryl hydrocarbon receptor (AHR) drives human leukocyte antigen (HLA)-II expression in human melanoma. Journal of experimental & clinical cancer research : CR, 45(1).

Chocarro-Calvo A, et al. (2025) Fatty acid uptake activates an AXL-CAV1- β -catenin axis to drive melanoma progression. Genes & development, 39(7-8), 463.

Degefu YN, et al. (2025) Cell state plasticity emerging from co-regulated, competitive, and configurable interactions within the AP-1 network. bioRxiv : the preprint server for biology.

Xu X, et al. (2024) PTEN Lipid Phosphatase Activity Suppresses Melanoma Formation by Opposing an AKT/mTOR/FRA1 Signaling Axis. Cancer research, 84(3), 388.

Chocarro-Calvo A, et al. (2024) Phenotype-specific melanoma uptake of fatty acid from human adipocytes activates AXL and CAV1-dependent β -catenin nuclear accumulation. bioRxiv : the preprint server for biology.

Bai W, et al. (2024) EGF/EGFR-YAP1/TEAD2 signaling upregulates STIM1 in vemurafenib resistant melanoma cells. The FEBS journal, 291(22), 4969.

Constantin D, et al. (2024) MR1 Gene and Protein Expression Are Enhanced by Inhibition of the Extracellular Signal-Regulated Kinase ERK. Cancer immunology research, 12(10), 1452.

Xi H, et al. (2023) Repurposing fluphenazine to suppress melanoma brain, lung and bone metastasis by inducing G0/G1 cell cycle arrest and apoptosis and disrupting autophagic flux. Clinical & experimental metastasis, 40(2), 161.

Comandante-Lou N, et al. (2022) AP-1 transcription factor network explains diverse patterns of cellular plasticity in melanoma cells. Cell reports, 40(5), 111147.

Zhang Z, et al. (2022) The DPY30-H3K4me3 Axis-Mediated PD-L1 Expression in Melanoma. Journal of inflammation research, 15, 5595.

Tobin SJ, et al. (2021) JARID1-targeted histone H3 demethylase inhibitors exhibit anti-proliferative activity and overcome cisplatin resistance in canine oral melanoma cell lines. Veterinary and comparative oncology, 19(3), 518.

Madej E, et al. (2021) Deciphering the Functional Role of RIPK4 in Melanoma. International journal of molecular sciences, 22(21).

Maitituoheti M, et al. (2020) Enhancer Reprogramming Confers Dependence on Glycolysis and IGF Signaling in KMT2D Mutant Melanoma. Cell reports, 33(3), 108293.

Gerosa L, et al. (2020) Receptor-Driven ERK Pulses Reconfigure MAPK Signaling and Enable Persistence of Drug-Adapted BRAF-Mutant Melanoma Cells. Cell systems, 11(5), 478.

Hanniford D, et al. (2020) Epigenetic Silencing of CDR1as Drives IGF2BP3-Mediated Melanoma Invasion and Metastasis. Cancer cell, 37(1), 55.

Follain G, et al. (2018) Hemodynamic Forces Tune the Arrest, Adhesion, and Extravasation of Circulating Tumor Cells. Developmental cell, 45(1), 33.