

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

WM266-4

RRID:CVCL_2765

Type: Cell Line

Proper Citation

RRID:CVCL_2765

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2765

Proper Citation: RRID:CVCL_2765

Description: Cell line WM266-4 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:12068308](#), [PMID:15467732](#), [PMID:15592718](#), [PMID:17308088](#), [PMID:19799798](#), [PMID:20215515](#), [PMID:21424129](#), [PMID:22460905](#), [PMID:23851445](#), [PMID:25485619](#), [PMID:25960936](#), [PMID:26589293](#), [PMID:28158294](#), [PMID:28196595](#), [PMID:29492214](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31978347](#)

Comments: Karyotypic information: Hypertriploid karyotype., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Part of: MD Anderson 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: WM266-4

Synonyms: WM-266-4, WM 266-4, WM-2664, WM2664, WM 2664, WM266, WM-266-mel, WM266mel, WC00097

Cross References: BTO:BTO_0001595, CLO:CLO_0009612, CLO:CLO_0009615, EFO:EFO_0006774, CLDB:cl4726, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1676, BioGRID_ORCS_Cell_line:344,

BioSample:SAMN05292442, BioSample:SAMN10988367, cancercellines:CVCL_2765, Cell_Model_Passport:SIDM00979, CGH-DB:9312-4, ChEMBL-Cells:ChEMBL4295431, ChEMBL-Targets:ChEMBL4296510, Coriell:WC00097, Cosmic:687444, Cosmic:905225, Cosmic:932718, Cosmic:972276, Cosmic:1022277, Cosmic:1054856, Cosmic:1155273, Cosmic:1238103, Cosmic:1295343, Cosmic:1303070, Cosmic:1458970, Cosmic:1459638, Cosmic:1477409, Cosmic:1507624, Cosmic:1949557, Cosmic:2163804, Cosmic:2233687, Cosmic:2651885, DepMap:ACH-001239, ECACC:91061233, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, ESTDAB:ESTDAB-076, GEO:GSE17551, GEO:GSM827418, GEO:GSM887737, GEO:GSM888832, GEO:GSM1138792, GEO:GSM1670578, IARC_TP53:30188, KCLB:21676, LiGeA:CCLE_891, LINCS_LDP:LCL-1259, Lonza:1375, PharmacDB:WM2664_1663_2019, Progenetix:CVCL_2765, PubChem_Cell_line:CVCL_2765, Rockland:WM266-4-01-0001, Wikidata:Q54994222

ID: CVCL_2765

Record Creation Time: 20220427T221721+0000

Record Last Update: 20260905T182755+0000

Ratings and Alerts

No rating or validation information has been found for WM266-4.

Warning: Discontinued: ECACC; 91061233

Karyotypic information: Hypertriploid karyotype., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Part of: MD Anderson Cell Lines Project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE). **Warning:** Discontinued: Coriell; WC00097

Karyotypic information: Hypertriploid karyotype., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Part of: MD Anderson Cell Lines Project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE). **Warning:** Discontinued: ATCC; CRL-1676

Karyotypic information: Hypertriploid karyotype., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Part of: MD Anderson 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 34 mentions in open access literature.

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

Zhou Z, et al. (2026) The lipid-metabolic enzyme HSD17B12 drives lysosomal degradation of PD-L1 potentiating anti-tumor immunity in a mouse model. *PLoS biology*, 24(1), e3003603.

Ramírez-Sánchez A, et al. (2026) Metabolic buffering restricts phenotype switching in melanoma. *The EMBO journal*.

Wang D, et al. (2025) The mechanosensitive channel ELKIN1 regulates cellular adaptations to simulated microgravity. *NPJ microgravity*, 11(1), 10.

Santiappillai NT, et al. (2025) Pathway metabolite ratios reveal distinctive glutamine metabolism in a subset of proliferating cells. *Molecular systems biology*, 21(8), 983.

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*.

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.

Poelchen J, et al. (2025) Generation and functional analysis of melanoma antigen-specific CD8⁺ T cells derived from S/MAR vector-transfected human induced pluripotent stem cells. *International journal of cancer*, 157(9), 1876.

Cigrang M, et al. (2025) Pan-inhibition of super-enhancer-driven oncogenic transcription by next-generation synthetic ecteinascidins yields potent anti-cancer activity. *Nature communications*, 16(1), 512.

Parihar K, et al. (2025) Tissue-dependent mechanosensing by cells derived from human tumors. *npj biological physics and mechanics*, 2(1), 19.

De Vries M, et al. (2025) Geometric deep learning and multiple-instance learning for 3D cell-shape profiling. *Cell systems*, 16(3), 101229.

Chhabra Y, et al. (2024) Sex-dependent effects in the aged melanoma tumor microenvironment influence invasion and resistance to targeted therapy. *Cell*, 187(21), 6016.

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*.

Luty M, et al. (2024) Tubulin-Targeted Therapy in Melanoma Increases the Cell Migration Potential by Activation of the Actomyosin Cytoskeleton? An In Vitro Study. *ACS biomaterials science & engineering*, 10(11), 7155.

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.

Nishikiori N, et al. (2024) Significant and Various Effects of ML329-Induced MITF Suppression in the Melanoma Cell Line. *Cancers*, 16(2).

Hlavaty SI, et al. (2024) ACSS1-dependent acetate utilization rewires mitochondrial metabolism to support AML and melanoma tumor growth and metastasis. *Cell reports*,

43(12), 114988.

Dent LG, et al. (2024) Environmentally dependent and independent control of 3D cell shape. *Cell reports*, 43(5), 114016.

Noujarède J, et al. (2023) Sphingolipid paracrine signaling impairs keratinocyte adhesion to promote melanoma invasion. *Cell reports*, 42(12), 113586.

Zuccolini P, et al. (2023) IK Channel-Independent Effects of Clotrimazole and Senicapoc on Cancer Cells Viability and Migration. *International journal of molecular sciences*, 24(22).

Parihar K, et al. (2022) Data driven and biophysical insights into the regulation of trafficking vesicles by extracellular matrix stiffness. *iScience*, 25(8), 104721.