

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

WPMY-1

RRID:CVCL_3814

Type: Cell Line

Proper Citation

CLS Cat# 305083, RRID:CVCL_3814

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3814

Proper Citation: CLS Cat# 305083, RRID:CVCL_3814

Description: Cell line WPMY-1 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:10383888](#), [PMID:18462435](#)

Comments: Population: Caucasian.

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: WPMY-1

Synonyms: WPMY1, WPM-Y.1

Cross References: BTO:BTO_0003708, CLO:CLO_0009628, ATCC:CRL-2854, BioSample:SAMN03471803, CCRID:3101HUMGNHu36, CCRID:4201HUM-CCTCC00627, CLS:305083, Wikidata:Q54994379

ID: CVCL_3814

Vendor: CLS

Catalog Number: 305083

Record Creation Time: 20220923T071701+0000

Record Last Update: 20260830T000619+0000

Ratings and Alerts

No rating or validation information has been found for WPMY-1.

No alerts have been found for WPMY-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 134 mentions in open access literature.

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

Ciummo SL, et al. (2026) Prostatic fibroblast reprogramming by Interleukin-30 activates prostate cancer metastasis programs. *Molecular biomedicine*, 7(1).

Chen H, et al. (2025) CAF-mediated regulation of prostate cancer stem cell stemness via the Wnt/ β -catenin and SDF-1/CXCR4 pathways in castration-resistant prostate cancer. *Frontiers in cell and developmental biology*, 13, 1617200.

Liu YN, et al. (2024) Immunosuppressive role of BDNF in therapy-induced neuroendocrine prostate cancer. *Molecular oncology*.

Hu S, et al. (2024) Effects of carvedilol on human prostate tissue contractility and stromal cell growth pointing to potential clinical implications. *Pharmacological reports : PR*, 76(4), 807.

Wang J, et al. (2024) Cholinergic signaling via muscarinic M1 receptor confers resistance to docetaxel in prostate cancer. *Cell reports. Medicine*, 5(2), 101388.

Shen Y, et al. (2024) Coptisine exerts anti-tumour effects in triple-negative breast cancer by targeting mitochondrial complex I. *British journal of pharmacology*, 181(21), 4262.

Chang Y, et al. (2024) Development of an orally bioavailable CDK12/13 degrader and induction of synthetic lethality with AKT pathway inhibition. *Cell reports. Medicine*, 5(10), 101752.

Park Y, et al. (2023) Genetic and Chemical Controls of Sperm Fate and Spermatocyte Dedifferentiation via PUF-8 and MPK-1 in *Caenorhabditis elegans*. *Cells*, 12(3).

Hyun M, et al. (2023) Melatonin protects against cadmium-induced oxidative stress via mitochondrial STAT3 signaling in human prostate stromal cells. *Communications biology*, 6(1), 157.

Mo Y, et al. (2023) Tumor-secreted exosomal miR-141 activates tumor-stroma interactions and controls premetastatic niche formation in ovarian cancer metastasis. *Molecular cancer*, 22(1), 4.

Wang Z, et al. (2023) Simvastatin Improves Benign Prostatic Hyperplasia: Role of Peroxisome-Proliferator-Activated Receptor- α and Classic WNT/ β -Catenin Pathway. International journal of molecular sciences, 24(5).

Liu Y, et al. (2023) Inhibition of growth and contraction in human prostate stromal cells by silencing of NUA1 and -2, and by the presumed NUA1 inhibitors HTH01-015 and WZ4003. Frontiers in pharmacology, 14, 1105427.

Liu S, et al. (2023) Green Fabrication of Freestanding Piezoceramic Films for Energy Harvesting and Virus Detection. Nano-micro letters, 15(1), 131.

Jiang Q, et al. (2023) Inhibition of CDKL3 downregulates STAT1 thus suppressing prostate cancer development. Cell death & disease, 14(3), 189.

Liu CM, et al. (2023) Neferine attenuates development of testosterone-induced benign prostatic hyperplasia in mice by regulating androgen and TGF- β /Smad signaling pathways. Saudi pharmaceutical journal : SPJ : the official publication of the Saudi Pharmaceutical Society, 31(7), 1219.

Wang R, et al. (2023) Silencing of CDC42 inhibits contraction and growth-related functions in prostate stromal cells, which is mimicked by ML141. Life sciences, 329, 121928.

Thongphichai W, et al. (2022) Standardization of the ethanolic extract of Crinum latifolium leaves by two bioactive markers with antiproliferative activity against TGF- β -promoted prostate stromal cells (WPMY-1). BMC complementary medicine and therapies, 22(1), 139.

Wang X, et al. (2022) SNHG3 could promote prostate cancer progression through reducing methionine dependence of PCa cells. Cellular & molecular biology letters, 27(1), 13.

Chang KS, et al. (2022) WNT1 Inducible Signaling Pathway Protein 1 Is a Stroma-Specific Secreting Protein Inducing a Fibroblast Contraction and Carcinoma Cell Growth in the Human Prostate. International journal of molecular sciences, 23(19).

Ma XY, et al. (2022) Discovery of a Novel Bloom's Syndrome Protein (BLM) Inhibitor Suppressing Growth and Metastasis of Prostate Cancer. International journal of molecular sciences, 23(23).