Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

RPMI-7951

RRID:CVCL_1666
Type: Cell Line

Proper Citation

(RRID:CVCL_1666)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1666

Proper Citation: (RRID:CVCL_1666)

Sex: Female

Defining Citation: PMID:833871, PMID:1161259, PMID:3335022, PMID:11668190, PMID:12068308, PMID:15467732, PMID:20164919, PMID:20215515, PMID:22460905, PMID:23285177, PMID:25485619, PMID:25877200, PMID:26589293, PMID:27397505, PMID:30894373, PMID:31068700, PMID:31395879, PMID:31978347, PMID:35839778

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep proteome analysis., Omics: Deep phosphoproteome analysis., Omics: Deep exome analysis., Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: PTEN genetic alteration cell panel (ATCC TCP-1030)., Part of: ENCODE project common cell types; tier 3., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: BRAF genetic alteration cell panel (ATCC TCP-1032).

Category: Cancer cell line

Name: RPMI-7951

Synonyms: RPMI 7951, RPMI7951, Roswell Park Memorial Institute 7951

Cross References: BTO:BTO_0003508, CLO:CLO_0008877, EFO:EFO_0005712, CLDB:cl4187, 4DN:4DNSRQW8GWCI, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-66, BCRC:60274, BioGRID_ORCS_Cell_line:384, BioSample:SAMN03471611,

BioSample:SAMN03473473, BioSample:SAMN10987964, cancercelllines:CVCL_1666, Cell_Model_Passport:SIDM01087, CGH-DB:9320-4, ChEMBL-Cells:CHEMBL3307962, ChEMBL-Targets:CHEMBL612447, Cosmic:687439, Cosmic:905233, Cosmic:910903, Cosmic:933001, Cosmic:1022287, Cosmic:1303050, Cosmic:1507596, Cosmic:2233666, Cosmic-CLP:910903, DepMap:ACH-000348, DSMZ:ACC-66, DSMZCellDive:ACC-66, EGA:EGAS00001000610, EGA:EGAS00001000978, ENCODE:ENCBS262AAA, ENCODE:ENCBS457YHI, ENCODE:ENCBS493TPA, GDSC:910903, GEO:GSM206540, GEO:GSM274689, GEO:GSM827474, GEO:GSM887547, GEO:GSM888630, GEO:GSM1670388, IARC_TP53:13321, IARC_TP53:27231, KCLB:30066, LiGeA:CCLE_303, LINCS_LDP:LCL-1254, NCI-DTP:RPMI-7951, PharmacoDB:RPMI7951_1326_2019, PRIDE:PXD022992, PRIDE:PXD030304, Progenetix:CVCL_1666, PubChem_Cell_line:CVCL_1666, Wikidata:Q54951235

ID: CVCL_1666

Record Creation Time: 20250131T202500+0000

Record Last Update: 20250131T204400+0000

Ratings and Alerts

No rating or validation information has been found for RPMI-7951.

Warning: Discontinued: KCLB; 30066
Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep proteome analysis., Omics: Deep phosphoproteome analysis., Omics: Deep exome analysis., Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: PTEN genetic alteration cell panel (ATCC TCP-1030)., Part of: ENCODE project common cell types; tier 3., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: BRAF genetic alteration cell panel (ATCC TCP-1032).

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Dunlap KN, et al. (2025) SLC7A5 is required for cancer cell growth under arginine-limited conditions. Cell reports, 44(1), 115130.

Boulton DP, et al. (2024) MIRO2 promotes cancer invasion and metastasis via MYO9B suppression of RhoA activity. Cell reports, 44(1), 115120.

van Vliet AA, et al. (2023) Early TRAIL-engagement elicits potent multimodal targeting of melanoma by CD34+ progenitor cell-derived NK cells. iScience, 26(7), 107078.

Mo X, et al. (2022) Systematic discovery of mutation-directed neo-protein-protein interactions in cancer. Cell, 185(11), 1974.

Luo X, et al. (2022) Profiling of diverse tumor types establishes the broad utility of VHL-based ProTaCs and triages candidate ubiquitin ligases. iScience, 25(3), 103985.

Monzo P, et al. (2021) Adaptive mechanoproperties mediated by the formin FMN1 characterize glioblastoma fitness for invasion. Developmental cell, 56(20), 2841.

Zaman A, et al. (2021) Exocyst protein subnetworks integrate Hippo and mTOR signaling to promote virus detection and cancer. Cell reports, 36(5), 109491.

Errington TM, et al. (2021) Experiments from unfinished Registered Reports in the Reproducibility Project: Cancer Biology. eLife, 10.

Campbell NR, et al. (2021) Cooperation between melanoma cell states promotes metastasis through heterotypic cluster formation. Developmental cell, 56(20), 2808.

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

Deng W, et al. (2019) WNT1-inducible signaling pathway protein 1 (WISP1/CCN4) stimulates melanoma invasion and metastasis by promoting the epithelial-mesenchymal transition. The Journal of biological chemistry, 294(14), 5261.

Xu J, et al. (2018) GPR68 Senses Flow and Is Essential for Vascular Physiology. Cell, 173(3), 762.

Dix CL, et al. (2018) The Role of Mitotic Cell-Substrate Adhesion Re-modeling in Animal Cell Division. Developmental cell, 45(1), 132.