

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

RPMI-2650

RRID:CVCL_1664

Type: Cell Line

Proper Citation

RRID:CVCL_1664

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1664

Proper Citation: RRID:CVCL_1664

Description: Cell line RPMI-2650 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Head and neck squamous cell carcinoma

Defining Citation: [PMID:77569](#), [PMID:174085](#), [PMID:327080](#), [PMID:833871](#), [PMID:1260760](#), [PMID:3518877](#), [PMID:5831238](#), [PMID:6277475](#), [PMID:14082866](#), [PMID:20215515](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:29348827](#), [PMID:30894373](#)

Comments: Population: Caucasian., Part of: KuDOS 95 cell line 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: RPMI-2650

Synonyms: RPMI 2650, RPMI2650, R.P.M.I. #2650, Roswell Park Memorial Institute 2650

Cross References: BTO:BTO_0004205, CLO:CLO_0008869, CLO:CLO_0008876, EFO:EFO_0006478, CLDB:cl4174, CLDB:cl4175, CLDB:cl4176, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-3610, ATCC:CCL-30, BCRC:60296, BCRJ:0412, BioSample:SAMN01821660, BioSample:SAMN01821717, BioSample:SAMN03473151, cancercellines:CVCL_1664,

Cell_Model_Passport:SIDM00809, ChEMBL-Cells:CHEMBL3308780, ChEMBL-Targets:CHEMBL1075566, CLS:300323, Cosmic:686978, Cosmic:909700, Cosmic:1006465, Cosmic:1017789, Cosmic:1041670, Cosmic:1339925, Cosmic:2043886, Cosmic-CLP:909700, DepMap:ACH-001385, DSMZ:ACC-287, DSMZCellDive:ACC-287, ECACC:88031602, EGA:EGAS00001000610, EGA:EGAS00001000978, FANTOM5_SSTAR:10805-111A4, GDSC:909700, GEO:GSM960607, GEO:GSM960608, GEO:GSM960609, GEO:GSM960610, GEO:GSM960611, GEO:GSM960612, GEO:GSM960613, GEO:GSM1374853, GEO:GSM1374854, GEO:GSM1670386, IARC_TP53:21290, IGRhCellID:RPMI2650%20GSE9585, IZSLER:BS TCL 59, JCRB:JCRB9058, KCLB:10030, LINCS_LDP:LCL-1881, PharmacDB:RPMI2650_1324_2019, PubChem_Cell_line:CVCL_1664, Wikidata:Q54951175

ID: CVCL_1664

Record Creation Time: 20220427T221507+0000

Record Last Update: 20260905T182233+0000

Ratings and Alerts

No rating or validation information has been found for RPMI-2650.

No alerts have been found for RPMI-2650.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Sywanycz S, et al. (2026) T2R5 Agonist Phendione Decreases Cell Viability and Induces Apoptosis in Head and Neck Squamous Cell Carcinoma. *Molecular cancer therapeutics*, 25(3), 396.

Machado CS, et al. (2026) Tailoring lipid-polymer hybrid nanoparticles as smart nanocarriers for entacapone delivery for managing Parkinson's disease. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 200, 119536.

Carneiro A, et al. (2026) Design, Synthesis, and Evaluation of Coumarin-Rasagiline Hybrids as Multifunctional Neuroprotective Agents. *ChemMedChem*, 21(10), e70307.

Shen H, et al. (2025) Engineered commensals for targeted nose-to-brain drug delivery. *Cell*, 188(6), 1545.

Yang Z, et al. (2025) Cross-species tropism of AAV.CPP.16 in the respiratory tract and its gene therapies against pulmonary fibrosis and viral infection. *Cell reports. Medicine*, 6(6), 102144.

Houghton MJ, et al. (2024) The flavonoid quercetin decreases ACE2 and TMPRSS2 expression but not SARS-CoV-2 infection in cultured human lung cells. *BioFactors* (Oxford, England).

Liu Q, et al. (2020) *Staphylococcus epidermidis* Contributes to Healthy Maturation of the Nasal Microbiome by Stimulating Antimicrobial Peptide Production. *Cell host & microbe*, 27(1), 68.