

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

RL95-2

RRID:CVCL_0505

Type: Cell Line

Proper Citation

RRID:CVCL_0505

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0505

Proper Citation: RRID:CVCL_0505

Description: Cell line RL95-2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Endometrial adenosquamous carcinoma

Defining Citation: [PMID:1541432](#), [PMID:2436984](#), [PMID:6339371](#), [PMID:7798295](#), [PMID:8123477](#), [PMID:9887230](#), [PMID:12893190](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20944090](#), [PMID:22460905](#), [PMID:22710073](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31395879](#), [PMID:33174010](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., 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: RL95-2

Synonyms: RL95_2, RL-95-2, RL-952, RL952, RL95

Cross References: BTO:BTO_0004491, CLO:CLO_0008830, EFO:EFO_0002320, MCCL:MCC:0000402, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1671, BCRC:60103, BCRJ:0366, BioGRID_ORCS_Cell_line:999, BioSample:SAMN03473219, BioSample:SAMN10987787, cancercellines:CVCL_0505, CCRID:3101HUMTCHu198, CCRID:4201HUM-

CCTCC00113, CCTCC:GDC0113, Cell_Model_Passport:SIDM01088, ChEMBL-Cells:ChEMBL3308843, ChEMBL-Targets:ChEMBL2366168, CLS:305062, Cosmic:713477, Cosmic:713489, Cosmic:809132, Cosmic:846175, Cosmic:871556, Cosmic:889117, Cosmic:930082, Cosmic:980637, Cosmic:1007165, Cosmic:1066226, Cosmic:1070808, Cosmic:1102377, Cosmic:1177623, Cosmic:1223487, Cosmic:1576464, Cosmic:1622899, Cosmic:1696756, Cosmic:2030481, Cosmic:2301551, Cosmic:2646617, Cosmic:2702441, Cosmic-CLP:930082, DepMap:ACH-000965, EGA:EGAS00001000978, GDSC:930082, GEO:GSM374977, GEO:GSM375436, GEO:GSM844677, GEO:GSM887542, GEO:GSM888625, GEO:GSM1670382, GEO:GSM3161728, GEO:GSM3161729, IARC_TP53:1114, IGRhCellID:RL952, KCB:KCB 2013033YJ, LiGeA:CCLE_166, LINCS_LDP:LCL-1506, Lonza:1501, Pharmacodb:RL952_1319_2019, PRIDE:PXD030304, Progenetix:CVCL_0505, PubChem_Cell_line:CVCL_0505, Wikidata:Q54950589

ID: CVCL_0505

Record Creation Time: 20220427T221501+0000

Record Last Update: 20260905T182220+0000

Ratings and Alerts

No rating or validation information has been found for RL95-2.

No alerts have been found for RL95-2.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 144 mentions in open access literature.

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

Tao H, et al. (2026) NSD1-Mediated PPAR γ Methylation Enhances PTEN Activity to Suppress Glycolysis and Tumor Progression in Endometrial Cancer. Cancer research, 86(10), 2464.

Resch V, et al. (2026) Targeting Steroid-Metabolizing Enzymes with 15 α -Substituted Estrone Analogues: Dual Discovery of AKR1C2/17 β -HSD1 Inhibitors and a Fluorescent 17 β -HSD1 Ligand. Cancers, 18(12).

Huang P, et al. (2026) Plasma - Activated medium engages redox signaling to activate a VDAC1-TRPML1 lysosomal-mitochondrial Ca²⁺ death pathway. Free radical biology & medicine, 253, 622.

Peng J, et al. (2026) CBLC-mediated ubiquitination stabilizes METTL1, enhances N7-methylguanosine modification of ESRRA, and promotes the progression of endometrial

cancer. International journal of biological macromolecules, 369, 152809.

Yang Z, et al. (2025) Functional Profiling of p53 and RB Cell Cycle Regulatory Proficiency Suggests Mechanism-Driven Molecular Stratification in Endometrial Carcinoma. Cancer research communications, 5(4), 719.

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

Carballo EV, et al. (2025) The Impact of JAK1 Pathogenic Variants and MHC-I Expression on Response to Immune Checkpoint Inhibition in Endometrial Cancer. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(24), 5294.

Meril S, et al. (2024) Loss of EIF4G2 mediates aggressiveness in distinct human endometrial cancer subpopulations with poor survival outcome in patients. Oncogene.

Gong X, et al. (2024) Pyroptosis-associated genes and tumor immune response in endometrial cancer. Discover oncology, 15(1), 433.

Dissanayake K, et al. (2024) Do extracellular vesicles have specific target cells?; Extracellular vesicle mediated embryo maternal communication. Frontiers in molecular biosciences, 11, 1415909.

Gjorgoska M, et al. (2024) Pre-receptor regulation of 11-oxyandrogens differs between normal and cancerous endometrium and across endometrial cancer grades and molecular subtypes. Frontiers in endocrinology, 15, 1404804.

Nian Y, et al. (2023) Circ_0075960 targets the miR-202-5p/CTNND1 axis to promote the growth and migration of endometrial carcinoma cells via regulating Wnt/ β -catenin signaling activity. Journal of gynecologic oncology, 34(1), e11.

Liang M, et al. (2023) Effect of integrin $\beta 7$ on cell proliferation, invasion, apoptosis and the PI3K/AKT pathway, and its association with clinicopathological features in endometrial cancer. Oncology letters, 25(1), 26.

Xia X, et al. (2023) Adverse effect of assisted reproductive technology-related hyperoestrogensim on the secretion and absorption of uterine fluid in superovulating mice during the peri-implantation period. Frontiers in endocrinology, 14, 859204.

Hart AR, et al. (2023) The Extracellular Vesicles Proteome of Endometrial Cells Simulating the Receptive Menstrual Phase Differs from That of Endometrial Cells Simulating the Non-Receptive Menstrual Phase. Biomolecules, 13(2).

Godakumara K, et al. (2023) Rhythm of the First Language: Dynamics of Extracellular Vesicle-Based Embryo-Maternal Communication in the Pre-Implantation Microenvironment. International journal of molecular sciences, 24(7).

Zhang C, et al. (2023) Long non-coding RNA BLACAT2/miR-378a-3p/YY1 feedback loop promotes the proliferation, migration and invasion of uterine corpus endometrial carcinoma. Oncology reports, 49(5).

Ni Z, et al. (2023) Platycodin D inhibits the proliferation, invasion and migration of endometrial cancer cells by blocking the PI3K/Akt signaling pathway via ADRA2A upregulation. *Oncology letters*, 25(4), 136.

Xu Y, et al. (2023) Endometrium-derived mesenchymal stem cells suppress progression of endometrial cancer via the DKK1-Wnt/ β -catenin signaling pathway. *Stem cell research & therapy*, 14(1), 159.

Chung SH, et al. (2023) Induction of apoptosis in RL95-2 human endometrial cancer cells by combination treatment with docosahexaenoic acid and triacsin C. *Archives of medical science : AMS*, 19(2), 488.