

Resource Summary Report

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

RS4;11

RRID:CVCL_0093

Type: Cell Line

Proper Citation

RRID:CVCL_0093

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0093

Proper Citation: RRID:CVCL_0093

Description: Cell line RS4;11 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Adult B acute lymphoblastic leukemia

Defining Citation: [PMID:1423625](#), [PMID:1465024](#), [PMID:1720549](#), [PMID:3917311](#), [PMID:8180386](#), [PMID:8353274](#), [PMID:8358709](#), [PMID:9067587](#), [PMID:9738977](#), [PMID:14671638](#), [PMID:15843827](#), [PMID:16408098](#), [PMID:16523483](#), [PMID:20164919](#), [PMID:20922763](#), [PMID:21552520](#), [PMID:22460905](#), [PMID:25877200](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:29786757](#), [PMID:30285677](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:32721124](#), [PMID:35124168](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: NCI Pediatric Preclinical Testing Program (PPTP) 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: RS4;11

Synonyms: RS4-11, RS4:11, RS 4;11, RS(4;11), RS411

Cross References: BTO:BTO_0004505, CLO:CLO_0008883, AddexBio:C0003012/4671, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1873, BioGRID_ORCS_Cell_line:1762, BioSample:SAMN03471039, BioSample:SAMN03473511, BioSample:SAMN10987766, cancercellines:CVCL_0093,

Cell_Model_Passport:SIDM01086, ChEMBL-Cells:CHEMBL3308247, ChEMBL-Targets:CHEMBL2366159, CLS:305360, Cosmic:683547, Cosmic:909703, Cosmic:1012116, Cosmic:1037737, Cosmic:1118469, Cosmic:1127267, Cosmic:1130250, Cosmic:1278782, Cosmic:1509199, Cosmic:1524818, Cosmic:1623639, Cosmic:2131570, Cosmic:2393009, Cosmic:2393010, Cosmic:2491091, Cosmic:2542840, Cosmic-CLP:909703, DepMap:ACH-000874, DSMZ:ACC-508, DSMZCellDive:ACC-508, EGA:EGAS00001000978, GDSC:909703, GEO:GSM236803, GEO:GSM236839, GEO:GSM887550, GEO:GSM888633, GEO:GSM1374856, GEO:GSM1670392, IARC_TP53:21293, LiGeA:CCE_681, LINCS_LDP:LCL-1040, Lonza:714, PharmacDB:RS4_11_1331_2019, PRIDE:PXD030304, Progenetix:CVCL_0093, PubChem_Cell_line:CVCL_0093, Wikidata:Q54951304

ID: CVCL_0093

Record Creation Time: 20220427T221508+0000

Record Last Update: 20260905T182235+0000

Ratings and Alerts

No rating or validation information has been found for RS4;11.

No alerts have been found for RS4;11.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Fujino T, et al. (2026) Development of CAR T cells Targeting a Surface RNA Binding Protein for the Treatment of Acute Leukemias. Cancer discovery.

Chen TQ, et al. (2026) RBM15B recognizes H3K79me2 to guide selective m6A-modification of mRNA and enhance oncoprotein translation in MLL-r leukemia. The EMBO journal, 45(5), 1672.

Ng HL, et al. (2026) BCR::ABL1-Induced Enhancer Reprogramming Uncovers Hypersensitivity of Ph+B-ALL Cells to Enhancer-Targeting Drugs. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(25), e17231.

Lee S, et al. (2026) NOT-gated chimeric antigen receptor circuits in T and NK cells. Cell systems, 17(4), 101561.

Sheth AS, et al. (2025) PLK1 Inhibition Induces Synthetic Lethality in Fanconi Anemia Pathway-Deficient Acute Myeloid Leukemia. Cancer research communications, 5(4), 648.

Jenkins TW, et al. (2025) Highly specific Immunoproteasome inhibitor M3258 induces proteotoxic stress and apoptosis in KMT2A::AFF1 driven acute lymphoblastic leukemia. *Scientific reports*, 15(1), 17284.

Song L, et al. (2025) GREM1 deficiency induced bone marrow adipose niche promotes B-cell acute lymphoblastic leukemia disease progression. *International journal of cancer*, 157(3), 559.

Zhou RW, et al. (2025) Safe immunosuppression-resistant pan-cancer immunotherapeutics by velcro-like density-dependent targeting of tumor-associated carbohydrate antigens. *Cell*.

Huang B, et al. (2025) LDHA^{??}, a lactate dehydrogenase A isoform, promotes glycolysis and tumor progression. *The FEBS journal*, 292(9), 2223.

Zhou Y, et al. (2025) Chronic ER Stress Triggers Cell-Surface Chaperones as the Therapeutic Targets of CAR Cells in Acute Myeloid Leukemia. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e11573.

Brock L, et al. (2025) KMT2A degradation is observed in decitabine-responsive acute lymphoblastic leukemia cells. *Molecular oncology*, 19(5), 1404.

Chen Z, et al. (2025) YTHDF2 promotes ATP synthesis and immune evasion in B cell malignancies. *Cell*, 188(2), 331.

Hlozkova K, et al. (2024) Rewired glutamate metabolism diminishes cytostatic action of L-asparaginase. *Cancer letters*, 605, 217242.

Cracchiolo MJ, et al. (2024) Comparable efficacy of oral bendamustine versus intravenous administration in treating hematologic malignancies. *Cancer chemotherapy and pharmacology*, 94(3), 361.

Chen HC, et al. (2024) Novel immunotherapeutics against LGR5 to target multiple cancer types. *EMBO molecular medicine*, 16(9), 2233.

Calbert ML, et al. (2024) 4'-Ethynyl-2'-Deoxycytidine (EdC) Preferentially Targets Lymphoma and Leukemia Subtypes by Inducing Replicative Stress. *Molecular cancer therapeutics*, 23(5), 683.

Kansy AG, et al. (2024) Pharmacological degradation of ATR induces antiproliferative DNA replication stress in leukemic cells. *Molecular oncology*, 18(8), 1958.

Kim S, et al. (2024) DNA-guided transcription factor cooperativity shapes face and limb mesenchyme. *Cell*, 187(3), 692.

Kim S, et al. (2023) DNA-guided transcription factor cooperativity shapes face and limb mesenchyme. *bioRxiv : the preprint server for biology*.

Pillsbury CE, et al. (2023) Siglec-15 Promotes Evasion of Adaptive Immunity in B-cell Acute Lymphoblastic Leukemia. *Cancer research communications*, 3(7), 1248.