Resource Summary Report

Generated by NIF on Sep 23, 2026

SUP-B15

RRID:CVCL_0103
Type: Cell Line

Proper Citation

RRID:CVCL_0103

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0103

Proper Citation: RRID:CVCL_0103

Description: Cell line SUP-B15 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Childhood B acute lymphoblastic leukemia with t(9;22)(q34.1;q11.2) BCR-ABL1

Defining Citation: PMID:3162827, PMID:7630190, PMID:7888679, PMID:8704231, PMID:9067587, PMID:9108419, PMID:9823951, PMID:10071072, PMID:10576511, PMID:15843827, PMID:16408098, PMID:22460905, PMID:25485619, PMID:25576301, PMID:25877200, PMID:26589293, PMID:27397505, PMID:30285677, PMID:30629668, PMID:30879952, PMID:30894373, PMID:31068700, PMID:35354797, PMID:35839778

Comments: Population: Caucasian., 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: SUP-B15

Synonyms: Sup-B15, SUPB-15, SUPB15, SupB15, SupB15W, SupB15WT

Cross References: CLO:CLO_0009161, EFO:EFO_0006763, AddexBio:C0003019/4892, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1929, BCRJ:0229, BioSample:SAMN03473114, BioSample:SAMN10987666, cancercelllines:CVCL_0103, CCRID:3101HUMTCHu190, Cell_Model_Passport:SIDM01176, ChEMBL-Cells:CHEMBL4295393, ChEMBL-Targets:CHEMBL4296498, Cosmic:1012120, Cosmic:1130245, Cosmic:1498420,

Cosmic:1524821, Cosmic:1630017, Cosmic:2491077, Cosmic-CLP:1247871, DepMap:ACH-000059, DSMZ:ACC-389, DSMZCellDive:ACC-389, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:1247871, GEO:GSM236806, GEO:GSM236842, GEO:GSM887658, GEO:GSM888750, GEO:GSM1374913, GEO:GSM1670490, GEO:GSM5137745, GEO:GSM5137767, IARC_TP53:30174, IZSLER:BS TCL 238, LiGeA:CCLE_418, LINCS_LDP:LCL-1041, PharmacoDB:SUPB15_1518_2019, PRIDE:PXD000394, PRIDE:PXD023662, PRIDE:PXD030304, Progenetix:CVCL_0103, PubChem_Cell_line:CVCL_0103, Wikidata:Q54970859

ID: CVCL_0103

Record Creation Time: 20220427T221613+0000

Record Last Update: 20260920T005904+0000

Ratings and Alerts

No rating or validation information has been found for SUP-B15.

Warning: Discontinued: BCRJ; 0229
Population: Caucasian., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

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.

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.

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.

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

Barnett KR, et al. (2023) Epigenomic mapping reveals distinct B cell acute lymphoblastic leukemia chromatin architectures and regulators. Cell genomics, 3(12), 100442.

Park HJ, et al. (2022) Therapeutic resistance in acute myeloid leukemia cells is mediated by a novel ATM/mTOR pathway regulating oxidative phosphorylation. eLife, 11.

Eligio Garc??a L, et al. (2022) Trypanosoma cruzi Antigenic Proteins Shared with Acute Lymphoblastic Leukemia and Neuroblastoma. Pharmaceuticals (Basel, Switzerland), 15(11).

Mata-Rocha M, et al. (2022) Low Prevalence of ETV6::RUNX1 Fusion Gene in a Hispanic Population. Frontiers in pediatrics, 10, 837656.

Sadras T, et al. (2021) Developmental partitioning of SYK and ZAP70 prevents autoimmunity and cancer. Molecular cell, 81(10), 2094.