Resource Summary Report

Generated by dkNET on Sep 21, 2026

Jurkat E6.1

RRID:CVCL_0367
Type: Cell Line

Proper Citation

RRID:CVCL_0367

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0367

Proper Citation: RRID:CVCL_0367

Description: Cell line Jurkat E6.1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Childhood T acute lymphoblastic leukemia

Defining Citation: PMID:7592872, PMID:8316623, PMID:9707173, PMID:10468210, PMID:10832058, PMID:11416159, PMID:11481229, PMID:11669127, PMID:15472075, PMID:18842727, PMID:20215515, PMID:23933134, PMID:25485619, PMID:25877200, PMID:25894527, PMID:26546556, PMID:26589293, PMID:28464451, PMID:29739316, PMID:32938764

Comments: Anecdotal: Have been flown in space on shuttle flights STS-76, STS-80 and STS-95 to study apoptosis and cytoskeleton modifications (PubMed=9707173; PubMed=10832058; PubMed=11481229; PubMed=11669127)., Population: Caucasian., Part of: Tumor Immunology Bank (TIB) collection from Salk (transferred to ATCC in 1981)., Group: Space-flown cell line (cellonaut).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: Jurkat E6.1

Synonyms: JurkatE6-1, Jurkat E6-1, Jurkat, Clone E6-1, Jurkat Clone E6-1, Jurkat (clone E6-1), JURKAT E-6.1, JURKAT E-61, Jurkat-CloneE61, Jurkat-E6, Jurkat E6, J.E6-1, E6-1, Jurkat J6

Cross References: BTO:BTO_0001948, CLO:CLO_0007044, CLO:CLO_0007045, MCCL:MCC:0000260, CLDB:cl2962, CLDB:cl5213, ArrayExpress:E-MTAB-2706, ATCC:TIB-152, BCRC:60424, BCRJ:0125, BEI_Resources:ARP-177, BioSample:SAMN03472194, cancercelllines:CVCL_0367, CCRID:1101HUM-PUMC000075, CCRID:1101HUM-PUMC000348, CCRID:1102HUM-NIFDC00049, CCRID:3101HUMSCSP513, CCRID:3101HUMTCHU123, CCRID:4201HUM-CCTCC00094, CCTCC:GDC0094, Cell_Model_Passport:SIDM01244, ChEMBL-Cells:CHEMBL4295390, ChEMBL-Targets:CHEMBL4296446, CLS:300223, Cosmic:913419, ECACC:88042803, EGA:EGAS00001000610, ENCODE:ENCBS407ENC, ENCODE:ENCBS429ENC, ENCODE:ENCBS550BVM, ENCODE:ENCBS551ZKL, ENCODE:ENCBS606GXJ, ENCODE:ENCBS661UFZ, ENCODE:ENCBS732UVO, ENCODE:ENCBS755XWL, GEO:GSE101101, GEO:GSM472928, GEO:GSM510511, GEO:GSM827151, GEO:GSM923424, GEO:GSM945267, GEO:GSM945268, IZSLER:BS TCL 110, KCB:KCB 94008YJ, KCLB:40152, LINCS_LDP:LCL-1030, MetaboLights:MTBLS789, NCBI_Iran:C121, PharmacoDB:Jurkat_Clone_E61_713_2019, PRIDE:PRD000345, PRIDE:PXD000148, PRIDE:PXD000589, PRIDE:PXD002871, PRIDE:PXD004415, PRIDE:PXD010176, PRIDE:PXD032302, Progenetix:CVCL_0367, PubChem_Cell_line:CVCL_0367, TOKU-E:2081, Ubigene:YC-D012, Wikidata:Q54899132

ID: CVCL_0367

Hierarchy: cvcl_0065

Record Creation Time: 20220427T220653+0000

Record Last Update: 20260920T004242+0000

Ratings and Alerts

No rating or validation information has been found for Jurkat E6.1.

No alerts have been found for Jurkat E6.1.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 661 mentions in open access literature.

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

Rainwater RR, et al. (2026) DNA-PKcs controls the cytotoxic T cell response to cancer and transplant allograft through regulating LAT-dependent signaling. Cell reports, 45(1), 116796.

de Blas A, et al. (2026) Enhancing Proteasome Activity in T Cells Alleviates Exhaustion and Improves Antitumor Immunity. Cancer research, 86(12), 2896.

Zhao Z, et al. (2026) Topical delivery of high-drug-loading nanoparticle gels for psoriasis treatment. Journal of nanobiotechnology, 24(1).

Chen B, et al. (2026) BRD4-mediated ER membrane contact creates functionally distinct mitochondrial subtypes. Molecular cell, 86(5), 917.

Kwon E, et al. (2026) An extracellular, optogenetic antibody platform for stimulus-gated antigen recognition and modulation of cell behavior. Cell chemical biology, 33(6), 848.

Rush JS, et al. (2026) Human genetics guides the discovery of CARD9 inhibitors with anti-inflammatory activity. Cell, 189(5), 1356.

Frost IM, et al. (2026) Membrane repair following filtroporation-induced cell permeabilization. iScience, 29(1), 114317.

Jagannathan NS, et al. (2026) Dynamic estimation of metabolic state during CAR T cell production. Cell reports methods, 6(2), 101303.

Campisi M, et al. (2026) Vascular STING activation facilitates NK cell anti-tumor immunity in small cell lung cancer. Cancer cell, 44(4), 858.

Rathore U, et al. (2026) Systematic discovery of pro- and anti-HIV host factors in primary human CD4+ T cells. Cell, 189(12), 3651.

Pacini G, et al. (2026) Contribution of endosomal proteins EHD1 and EHD4 to the HIV-1 replication cycle. The FEBS journal.

Liu Z, et al. (2026) Activation-gated, T cell-restricted silencing of Dapk1 enhances Bacille Calmette-Guérin-elicited protective CD4+ memory. iScience, 29(5), 115593.

Yan X, et al. (2026) KRASG12/13 mutation modulates CRC outcomes via disrupting positive feedback between macrophage and CD4+ T cell. iScience, 29(1), 114402.

Yatim A, et al. (2026) Human LFA-1 governs T cell immune surveillance of the skin. Science immunology, 11(116), eadz8360.

Luque M, et al. (2026) Cancer-associated fibroblast-derived protein S100-A11 influences the response to anti-HER2 therapies in HER2-positive breast cancer. Neoplasia (New York, N.Y.), 78, 101318.

Wang Y, et al. (2026) Tuning the sensitivity of mechanosensory receptors through histidine scanning. Cell, 189(6), 1680.

Rubin AJ, et al. (2026) Disordered protein LAT encodes relative levels of signaling pathways in T cell activation. Science (New York, N.Y.), 392(6797), eads6847.

Gunnels TF, et al. (2026) CELLISA - a cell-cell binding assay for evaluation of nanovesicle targeting proteins. bioRxiv : the preprint server for biology.

Hu X, et al. (2026) Genetic identification of the Fc?R complex: TR?V12-4 as the IgD-binding domain targeted for immunotherapy in rheumatoid arthritis. Journal of advanced research.

Shao N, et al. (2026) A high-throughput modular microfluidic platform for versatile functional assays at single-cell level. Microsystems & nanoengineering, 12(1).