Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 29, 2025

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)

Sex: Male

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)., Omics: Transcriptome analysis by RNAseq., Omics: SNP array analysis., Omics: H3K4me3 ChIP-seq epigenome analysis., Omics: Genome sequenced., Omics: Deep quantitative phosphoproteome analysis., Omics: Deep phosphoproteome analysis., Omics: Cell surface proteome., 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

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

Record Creation Time: 20250131T201111+0000

Record Last Update: 20250131T202613+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 567 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Venema WJ, et al. (2024) A cis-regulatory element regulates ERAP2 expression through autoimmune disease risk SNPs. Cell genomics, 4(1), 100460.

Xu H, et al. (2024) Cellular spermine targets JAK signaling to restrain cytokine-mediated autoimmunity. Immunity, 57(8), 1796.

Díaz-Basilio F, et al. (2024) The ecto-enzyme CD38 modulates CD4 T cell immunometabolic responses and participates in HIV pathogenesis. Journal of leukocyte biology.

He C, et al. (2024) UFL1 ablation in T cells suppresses PD-1 UFMylation to enhance anti-tumor immunity. Molecular cell, 84(6), 1120.

Ichikawa S, et al. (2024) The cyclimids: Degron-inspired cereblon binders for targeted protein degradation. Cell chemical biology.

Banerjee SK, et al. (2024) Glucose transporter 1 is essential for the resolution of methicillin-resistant S. aureus skin and soft tissue infections. Cell reports, 43(7), 114486.

Merk DJ, et al. (2024) Functional screening reveals genetic dependencies and diverging cell cycle control in atypical teratoid rhabdoid tumors. Genome biology, 25(1), 301.

Jakobsen NA, et al. (2024) Selective advantage of mutant stem cells in human clonal hematopoiesis is associated with attenuated response to inflammation and aging. Cell stem cell, 31(8), 1127.

Jin Y, et al. (2024) Tsyn-Seq: a T-cell Synapse-Based Antigen Identification Platform. Cancer immunology research, 12(5), 530.

Rivera M, et al. (2024) Malignant A-to-I RNA editing by ADAR1 drives T cell acute lymphoblastic leukemia relapse via attenuating dsRNA sensing. Cell reports, 43(2), 113704.

Gassaway BM, et al. (2024) Profiling Proteins and Phosphorylation Sites During T Cell Activation Using an Integrated Thermal Shift Assay. Molecular & cellular proteomics : MCP, 23(7), 100801.

Yoshikawa T, et al. (2024) Development of a chimeric cytokine receptor that captures IL-6 and enhances the antitumor response of CAR-T cells. Cell reports. Medicine, 5(5), 101526.

Zhao R, et al. (2024) cGAS-activated endothelial cell-T cell cross-talk initiates tertiary lymphoid structure formation. Science immunology, 9(98), eadk2612.

Gallego-Valle J, et al. (2024) High specificity of engineered T cells with third generation CAR (CD28-4-1BB-CD3-?) based on biotin-bound monomeric streptavidin for potential tumor immunotherapy. Frontiers in immunology, 15, 1448752.

Li Q, et al. (2024) TFAB002s, novel CD20-targeting T cell-dependent bispecific Fab-FabCH3 antibodies, exhibit potent antitumor efficacy against malignant B-cell lymphoma. PloS one, 19(9), e0310889.

Yen HR, et al. (2024) Targeting chondroitin sulfate suppresses macropinocytosis of breast cancer cells by modulating syndecan-1 expression. Molecular oncology, 18(10), 2569.

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.

Hu S, et al. (2024) Structural basis for the immune recognition and selectivity of the immune receptor PVRIG for ligand Nectin-2. Structure (London, England : 1993), 32(7), 918.

Cao C, et al. (2024) CXCR4 orchestrates the TOX-programmed exhausted phenotype of CD8+ T cells via JAK2/STAT3 pathway. Cell genomics, 4(10), 100659.

Cerutti C, et al. (2024) IQGAP1 and NWASP promote human cancer cell dissemination and metastasis by regulating ?1-integrin via FAK and MRTF/SRF. Cell reports, 43(4), 113989.