

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

BJ1-hTERT

RRID:CVCL_6573

Type: Cell Line

Proper Citation

RRID:CVCL_6573

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_6573

Proper Citation: RRID:CVCL_6573

Description: Cell line BJ1-hTERT is a Telomerase immortalized cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:9454332](#), [PMID:10655550](#), [PMID:24119401](#), [PMID:25877200](#), [PMID:25984343](#), [PMID:30894373](#), [PMID:31068700](#)

Comments: Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Telomerase immortalized cell line

Organism: Homo sapiens (Human)

Name: BJ1-hTERT

Synonyms: hTERT-BJ1, HTERT-BJ1, hTERT-BJ, hTERT BJ, BJ hTERT, BJ1, BJ-1, BJ-5ta, BJ-tert, BJhTERT, BJHTERT

Cross References: CLO:CLO_0001981, ATCC:CRL-4001, BioSample:SAMN03472773, cancercellines:CVCL_6573, Cell_Model_Passport:SIDM01927, ChEMBL-Cells:ChEMBL4295443, ChEMBL-Targets:ChEMBL4296512, DepMap:ACH-001018, GEO:GSM7701460, GEO:GSM7701464, PharmacDB:BJhTERT_101_2019, Progenetix:CVCL_6573, PubChem_Cell_line:CVCL_6573, Wikidata:Q54796970

ID: CVCL_6573

Hierarchy: cvcl_3653

Record Creation Time: 20220427T215404+0000

Record Last Update: 20260913T012500+0000

Ratings and Alerts

No rating or validation information has been found for BJ1-hTERT.

No alerts have been found for BJ1-hTERT.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Kulkovien? G, et al. (2026) Lemon balm-derived nanovesicles restore mitochondrial function and reduce cytokine production in skin fibroblasts under pro-inflammatory conditions. *European journal of pharmaceutical sciences : official journal of the European Federation for Pharmaceutical Sciences*, 220, 107483.

Kulkovien? G, et al. (2026) Psoriasis-like inflammation induces structural and functional changes in mitochondria. *The FEBS journal*, 293(4), 1191.

Han J, et al. (2026) A chemical agonist and the Golgi-resident lipid PI4P activate STING by inducing transmembrane helix rearrangement. *Immunity*, 59(1), 34.

Ng XJ, et al. (2025) Enhancing Form Stability: Shrink-Resistant Hydrogels Made of Interpenetrating Networks of Recombinant Spider Silk and Collagen-I. *Advanced healthcare materials*, 14(12), e2500311.

Devlin JR, et al. (2025) A CDK11-dependent RNA polymerase II pause-checkpoint precedes CDK9-mediated transition to transcriptional elongation. *Molecular cell*, 85(17), 3256.

Gogler A, et al. (2025) HSPA2 influences the differentiation and production of immunomodulatory mediators in human immortalized epidermal keratinocyte lines. *Cell death & disease*, 16(1), 344.

Kozicka D, et al. (2025) Ultrasound-assisted synthesis of new bisphosphonate-betulin conjugates and preliminary evaluation of their cytotoxic activity. *RSC advances*, 15(6), 4086.

Gudoityte G, et al. (2025) Systematic profiling of cancer-fibroblast interactions reveals drug combinations in ovarian cancer. *Molecular oncology*, 19(9), 2574.

- Xu J, et al. (2025) The pro-inflammatory cytokine IL6 suppresses mitochondrial function via the gp130-JAK1/STAT1/3-HIF1 α /ERR α axis. *Cell reports*, 44(3), 115403.
- Maassen F, et al. (2025) The human cytomegalovirus-encoded pUS28 antagonizes CD4⁺ T cell recognition by targeting CIITA. *eLife*, 14.
- Hervé S, et al. (2025) Chromosome mis-segregation triggers cell cycle arrest through a mechanosensitive nuclear envelope checkpoint. *Nature cell biology*, 27(1), 73.
- McKenney C, et al. (2024) CDK4/6 activity is required during G2 arrest to prevent stress-induced endoreplication. *Science (New York, N.Y.)*, 384(6695), eadi2421.
- Maeda M, et al. (2024) Small GTPase Activity Analyzing (SAIYAN) system: A method to detect GTPase activation in living cells. *The Journal of cell biology*, 223(10).
- Berg K, et al. (2024) Correcting 4sU induced quantification bias in nucleotide conversion RNA-seq data. *Nucleic acids research*, 52(7), e35.
- Konagaya Y, et al. (2024) An intermediate Rb-E2F activity state safeguards proliferation commitment. *Nature*, 631(8020), 424.
- Day CA, et al. (2024) The histone H3.3 K27M mutation suppresses Ser31phosphorylation and mitotic fidelity, which can directly drive gliomagenesis. *Current biology : CB*.
- Zannini L, et al. (2024) R-loops and impaired autophagy trigger cGAS-dependent inflammation via micronuclei formation in Senataxin-deficient cells. *Cellular and molecular life sciences : CMLS*, 81(1), 339.
- Zhao R, et al. (2024) cGAS-activated endothelial cell-T cell cross-talk initiates tertiary lymphoid structure formation. *Science immunology*, 9(98), eadk2612.
- 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.
- Zhang H, et al. (2024) The extracellular matrix integrates mitochondrial homeostasis. *Cell*, 187(16), 4289.