

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

BJ1-hTERT

RRID:CVCL_6573

Type: Cell Line

Proper Citation

ATCC Cat# CRL-4001, RRID:CVCL_6573

Cell Line Information

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

Proper Citation: ATCC Cat# CRL-4001, 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, cancercelllines:CVCL_6573, Cell_Model_Passport:SIDM01927, ChEMBL-Cells:ChEMBL4295443, ChEMBL-Targets:ChEMBL4296512, DepMap:ACH-001018, GEO:GSM7701460, GEO:GSM7701464, Pharmacodb:BJhTERT_101_2019, Progenetix:CVCL_6573, PubChem_Cell_line:CVCL_6573, Wikidata:Q54796970

ID: CVCL_6573

Vendor: ATCC

Catalog Number: CRL-4001

Hierarchy: cvcl_3653

Record Creation Time: 20250130T070622+0000

Record Last Update: 20260904T020829+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 [dkNET](#) .

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.

- Hervé S, et al. (2025) Chromosome mis-segregation triggers cell cycle arrest through a mechanosensitive nuclear envelope checkpoint. *Nature cell biology*, 27(1), 73.
- Maassen F, et al. (2025) The human cytomegalovirus-encoded pUS28 antagonizes CD4+ T cell recognition by targeting CIITA. *eLife*, 14.
- 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.
- 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).
- Day CA, et al. (2024) The histone H3.3 K27M mutation suppresses Ser31phosphorylation and mitotic fidelity, which can directly drive gliomagenesis. *Current biology : CB*.
- Konagaya Y, et al. (2024) An intermediate Rb-E2F activity state safeguards proliferation commitment. *Nature*, 631(8020), 424.
- Berg K, et al. (2024) Correcting 4sU induced quantification bias in nucleotide conversion RNA-seq data. *Nucleic acids research*, 52(7), e35.
- 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.
- Zhao R, et al. (2024) cGAS-activated endothelial cell-T cell cross-talk initiates tertiary lymphoid structure formation. *Science immunology*, 9(98), eadk2612.
- 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.
- Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and regulate the level of the PLK1 protein in Ewing sarcoma cells. *Frontiers in oncology*, 14, 1394653.