

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

BJ [Human fibroblast]

RRID:CVCL_3653

Type: Cell Line

Proper Citation

ATCC Cat# CRL-2522, RRID:CVCL_3653

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3653

Proper Citation: ATCC Cat# CRL-2522, RRID:CVCL_3653

Description: Cell line BJ [Human fibroblast] is a Finite cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:12554677](#), [PMID:23325432](#), [PMID:29444910](#)

Comments: Senescence: Senescences at 72 PDL. Has a long lifespan in comparison with other normal human fibroblast cell lines (ATCC=CRL-2522)., Population: Caucasian., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 3.

Category: Finite cell line

Organism: Homo sapiens (Human)

Name: BJ [Human fibroblast]

Synonyms: FF-WT-BJ, BJ1

Cross References: BTO:BTO_0003807, CLO:CLO_0001980, EFO:EFO_0002779, AddexBio:P0012005/4972, ATCC:CRL-2522, BioGRID_ORCS_Cell_line:1125, Cell_Model_Passport:SIDM01891, ChEMBL-Cells:ChEMBL3307781, ChEMBL-Targets:ChEMBL614358, CLS:305222, ENCODE:ENCBS070WLP, ENCODE:ENCBS074ENC, ENCODE:ENCBS137RRI, ENCODE:ENCBS170GUW, ENCODE:ENCBS198NMJ, ENCODE:ENCBS335XLL, ENCODE:ENCBS339MSO, ENCODE:ENCBS488ZLU, ENCODE:ENCBS610AAA, ENCODE:ENCBS611AAA, ENCODE:ENCBS612AAA, ENCODE:ENCBS613AAA, ENCODE:ENCBS614AAA, ENCODE:ENCBS615AAA, ENCODE:ENCBS616AAA, ENCODE:ENCBS628EGC,

ENCODE:ENCBS683XYV, ENCODE:ENCBS693PNC, ENCODE:ENCBS753AAA, ENCODE:ENCBS754AAA, ENCODE:ENCBS772THG, ENCODE:ENCBS815JWZ, ENCODE:ENCBS911DVL, ENCODE:ENCBS935PZD, GEO:GSM248213, GEO:GSM248214, GEO:GSM472898, GEO:GSM472924, GEO:GSM472925, GEO:GSM579886, GEO:GSM579887, GEO:GSM736518, GEO:GSM736596, GEO:GSM749677, GEO:GSM749752, GEO:GSM749770, GEO:GSM923444, GEO:GSM945178, GEO:GSM945204, GEO:GSM945207, GEO:GSM945235, GEO:GSM2988896, GEO:GSM7701416, GEO:GSM7701417, Lonza:723, PubChem_Cell_line:CVCL_3653, SKIP:SKIP001154, TOKU-E:672, Ubigen:YC-C080, Wikidata:Q54796903

ID: CVCL_3653

Vendor: ATCC

Catalog Number: CRL-2522

Record Creation Time: 20220427T215403+0000

Record Last Update: 20260905T185025+0000

Ratings and Alerts

No rating or validation information has been found for BJ [Human fibroblast].

No alerts have been found for BJ [Human fibroblast].

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 89 mentions in open access literature.

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

Zanella E, et al. (2026) Damage-induced i-loops generate eccDNA from repetitive elements. *Molecular cell*, 86(10), 1856.

Uno K, et al. (2026) Mesothelial cells promote peritoneal invasion and metastasis of ascites-derived ovarian cancer cells through spheroid formation. *Science advances*, 12(6), eadu5944.

Jiang M, et al. (2026) Adipose Stem Cell-Derived Apoptotic Vesicles Attenuate Hypertrophic Scarring by Targeting the CDC20/WNT Signaling Pathway. *Biomedicines*, 14(5).

Manoukian P, et al. (2026) Estrogen Production in Pancreatic Cancer Shapes a Tumor-Suppressive Stromal Microenvironment. *Cancer research*, 86(3), 571.

- Abd El-Gwaad AA, et al. (2026) Novel Triazolopyridine Derivatives: Synthesis, Antimicrobial, Anticancer Evaluation and Molecular Docking Studies. *Journal of biochemical and molecular toxicology*, 40(2), e70743.
- Li S, et al. (2026) Microhomology-mediated end joining acts directly on replication forks to repair single-ended double-strand breaks. *Molecular cell*, 86(7), 1230.
- Li X, et al. (2026) EYA4 promotes cellular senescence by enhancing P21 transcription through interaction with SIX2. *Advanced biotechnology*, 4(2).
- Le T, et al. (2026) Cell shapes decode molecular phenotypes in image-based spatial proteomics. *Cell systems*, 17(6), 101589.
- Martinez I, et al. (2026) Slippery organogel coatings on nitric oxide-releasing polymers for dual-action antibiofouling properties. *Journal of colloid and interface science*, 719, 140624.
- Zhou BR, et al. (2026) Distinct associations of pioneer factor Ascl1-E12a with nucleosomes drive changes in cell fate. *Molecular cell*, 86(13), 2458.
- Savani MR, et al. (2026) Nitrogen metabolism profiling reveals cell state-specific pyrimidine synthesis pathway choice. *Nature metabolism*, 8(5), 1124.
- Kozlov AM, et al. (2026) Spatial heterogeneity of lactylation: insights into gene expression, metabolism, and lactate transport in human embryonic stem cells. *Biology open*, 15(1).
- Gjerde CH, et al. (2026) A 3D ovarian cancer metastasis model using a decellularised peritoneal matrix to study therapy response. *EBioMedicine*, 124, 106135.
- Zhang M, et al. (2026) Decreased Glucose Metabolism and Declined Chaperones Are Unique Features Required for the Survival of Senescent Fibroblasts and Pyruvate Dehydrogenase Is a Potent Senolytic Target. *Aging cell*, 25(3), e70434.
- Pannese M, et al. (2026) Impaired collagen deposition in the absence of ERp44. *iScience*, 29(5), 115736.
- Ai ZE, et al. (2026) Targeting ADAR1 p150 triggers tumor inhibition and antitumor immunity to overcome immunotherapy resistance. *iScience*, 29(6), 115978.
- Richmond G, et al. (2025) Large extracellular vesicles regulate endothelial angiogenic potential via paracrine and autocrine signaling. *bioRxiv : the preprint server for biology*.
- De Bartolo A, et al. (2025) A recombinant fragment antigen-binding (Fab) of trastuzumab displays low cytotoxic profile in adult human cardiomyocytes: first evidence and the key implication of FcγRIIA receptor. *Acta pharmacologica Sinica*, 46(3), 618.
- Abrantes R, et al. (2025) Pan-carcinoma sialyl-Tn-targeting expands CAR therapy to solid tumors. *Cell reports. Medicine*, 6(9), 102350.
- Walsh PJ, et al. (2025) Mechanistic and Epigenetic Partitioning of Lamina-Associated Chromatin Revealed by a Genome-Wide Imaging Screen. *bioRxiv : the preprint server for biology*.