

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

SJSA-1

RRID:CVCL_1697

Type: Cell Line

Proper Citation

RRID:CVCL_1697

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1697

Proper Citation: RRID:CVCL_1697

Description: Cell line SJSA-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Osteosarcoma

Defining Citation: [PMID:2766305](#), [PMID:8275086](#), [PMID:12645653](#), [PMID:15150091](#), [PMID:17354236](#), [PMID:19787792](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:21519327](#), [PMID:22460905](#), [PMID:23144859](#), [PMID:25984343](#), [PMID:26351324](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30214690](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Population: African American., Part of: MD Anderson Cell Lines Project., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: SJSA-1

Synonyms: SJSA1, SJSA, OsA-CL, OSA-CL, OsACL, OSACL, Os-A, OSA, OsA

Cross References: BTO:BTO_0004216, CLO:CLO_0009031, EFO:EFO_0002330, AddexBio:C0004004/64, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-2098, BioGRID_ORCS_Cell_line:468, BioSample:SAMN03472540, BioSample:SAMN10987778, cancercellines:CVCL_1697, CCTCC:GDC0257, Cell_Model_Passport:SIDM01112,

ChEMBL-Cells:ChEMBL3308885, ChEMBL-Targets:ChEMBL2366298, CLS:305096, Cosmic:687931, Cosmic:909717, Cosmic:931911, Cosmic:1070843, Cosmic:1074396, Cosmic:1097756, Cosmic:1188476, Cosmic:1529912, Cosmic-CLP:909717, DepMap:ACH-000748, EGA:EGAS00001000978, ENCODE:ENCBS327EZG, ENCODE:ENCBS489PLT, GDSC:909717, GEO:GSM320826, GEO:GSM879221, GEO:GSM887574, GEO:GSM888657, GEO:GSM1670426, GEO:GSM1676316, GEO:GSM1701650, IARC_TP53:27705, IGRhCellID:SJSA1, LiGeA:CCLE_243, LINCS_LDP:LCL-1433, PharmacDB:SJSA1_1382_2019, PRIDE:PXD030304, Progenetix:CVCL_1697, PubChem_Cell_line:CVCL_1697, Wikidata:Q54953586

ID: CVCL_1697

Record Creation Time: 20220427T221543+0000

Record Last Update: 20260913T010040+0000

Ratings and Alerts

No rating or validation information has been found for SJSA-1.

No alerts have been found for SJSA-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Li H, et al. (2026) Tumor Extracellular Vesicles IncOSLMT Drives Lung Inflammatory Premetastatic Niche Formation in Osteosarcoma via m6A-Dependent hnRNPA2B1/COX-2 Axis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(17), e19490.

Tao Y, et al. (2026) TENT5A Maintains MYC mRNA Stability to Enhance Osteosarcoma Stemness. Cancer research, 86(9), 2161.

Burke CM, et al. (2026) Antitumor Activity of Trastuzumab Deruxtecan in Pediatric Solid Tumors with Variable HER2 Expression. Molecular cancer therapeutics, 25(1), 156.

Wang J, et al. (2026) Prognostic characteristics of disulfidptosis-related genes across cancers and their potential implications in osteosarcoma. Science progress, 109(2), 368504261464856.

Peng M, et al. (2026) In vitro modeling of nutritional and mitochondria-targeted therapies for osteosarcoma. bioRxiv : the preprint server for biology.

Kim D, et al. (2025) TRIM24 directs replicative stress responses to maintain ALT telomeres via chromatin signaling. *Molecular cell*, 85(14), 2636.

Dumbrava EE, et al. (2025) Milademetan in Advanced Solid Tumors with MDM2 Amplification and Wild-type TP53: Preclinical and Phase II Clinical Trial Results. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(20), 4255.

Mu H, et al. (2025) Methionine intervention induces PD-L1 expression to enhance the immune checkpoint therapy response in MTAP-deleted osteosarcoma. *Cell reports. Medicine*, 6(3), 101977.

Bird GH, et al. (2025) A triple-action PROTAC for wild-type p53 cancer therapy. *Cell reports. Medicine*, 6(12), 102467.

Abrantes R, et al. (2025) Pan-carcinoma sialyl-Tn-targeting expands CAR therapy to solid tumors. *Cell reports. Medicine*, 6(9), 102350.

Dai C, et al. (2025) Pharmacologic inhibition of CSF-1R suppresses intrinsic tumor cell growth in osteosarcoma with CSF-1R overexpression. *Journal of translational medicine*, 23(1), 900.

Puzio-Kuter AM, et al. (2025) Restoration of the Tumor Suppressor Function of Y220C-Mutant p53 by Rezatapopt, a Small-Molecule Reactivator. *Cancer discovery*, 15(6), 1159.

Beltrán-Hernández NE, et al. (2025) Biological Activity of Biomarkers Associated With Metastasis in Osteosarcoma Cell Lines. *Cancer medicine*, 14(6), e70391.

Schott CR, et al. (2024) Osteosarcoma PDX-Derived Cell Line Models for Preclinical Drug Evaluation Demonstrate Metastasis Inhibition by Dinaciclib through a Genome-Targeted Approach. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(4), 849.

Zheng J, et al. (2024) Tumor mitochondrial oxidative phosphorylation stimulated by the nuclear receptor ROR γ represents an effective therapeutic opportunity in osteosarcoma. *Cell reports. Medicine*, 5(5), 101519.

Takagi S, et al. (2024) Frequent copy number gain of MCL1 is a therapeutic target for osteosarcoma. *Oncogene*.

Ingelshed K, et al. (2024) MDM2/MDMX inhibition by Sulanemadlin synergizes with anti-Programmed Death 1 immunotherapy in wild-type p53 tumors. *iScience*, 27(6), 109862.

Szwarc MM, et al. (2023) FAM193A is a positive regulator of p53 activity. *Cell reports*, 42(3), 112230.

Takemoto A, et al. (2022) Targeting Podoplanin for the Treatment of Osteosarcoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 28(12), 2633.

Li HB, et al. (2022) METTL14-mediated epitranscriptome modification of MN1 mRNA promote tumorigenicity and all-trans-retinoic acid resistance in osteosarcoma. *EBioMedicine*, 82, 104142.