Resource Summary Report

Generated by NIF on Sep 21, 2026

SNU-475

RRID:CVCL_0497
Type: Cell Line

Proper Citation

RRID:CVCL_0497

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0497

Proper Citation: RRID:CVCL_0497

Description: Cell line SNU-475 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Adult hepatocellular carcinoma

Defining Citation: PMID:7543080, PMID:8824565, PMID:16616112, PMID:19956504, PMID:20164919, PMID:20215515, PMID:22460905, PMID:23505090, PMID:23887712, PMID:25485619, PMID:25574106, PMID:25877200, PMID:26589293, PMID:27397505, PMID:28196595, PMID:30894373, PMID:31063779, PMID:31068700, PMID:31378681, PMID:35839778

Comments: Karyotypic information: Has lost chromosome Y., Population: Korean., Part of: Seoul National University (SNU) cell line collection., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., 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: SNU-475

Synonyms: SNU475, NCI-SNU-475

Cross References: BTO:BTO_0003189, CLO:CLO_0009101, EFO:EFO_0002350, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-2236,

BioGRID_ORCS_Cell_line:811, BioSample:SAMN03471846, BioSample:SAMN03473134, BioSample:SAMN10987958, cancercelllines:CVCL_0497, Cell_Model_Passport:SIDM01196, ChEMBL-Cells:CHEMBL3308787, ChEMBL-Targets:CHEMBL1075586, Cosmic:684201, Cosmic:871512, Cosmic:873403, Cosmic:909739, Cosmic:928145, Cosmic:2023871, Cosmic:2162533, Cosmic:2321038, Cosmic-CLP:909739, DepMap:ACH-000422, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:909739, GEO:GSM481449, GEO:GSM565920, GEO:GSM887630, GEO:GSM888715, GEO:GSM936783, GEO:GSM1670472, GEO:GSM2551590, IARC_TP53:6310, IARC_TP53:21143, IGRhCellID:SNU475, KCLB:00475, LiGeA:CCLE_299, LIMORE:SNU475, LINCS_LDP:LCL-1937, Lonza:452, PharmacoDB:SNU475_1465_2019, PRIDE:PXD030304, Progenetix:CVCL_0497, PubChem_Cell_line:CVCL_0497, Wikidata:Q54955204

ID: CVCL_0497

Record Creation Time: 20220427T221552+0000

Record Last Update: 20260920T005807+0000

Ratings and Alerts

No rating or validation information has been found for SNU-475.

No alerts have been found for SNU-475.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 26 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Zheleznyak A, et al. (2026) Epithelial-Mesenchymal Transition and Stress Adaptations Underlie Yttrium-90 Resistance in Liver Cancer Cell Lines. Cancer research communications, 6(1), 178.

Yamane M, et al. (2026) H4K5 lactylation - ENO2 loop drives glycolysis and HCC progression. JHEP reports : innovation in hepatology, 8(5), 101786.

Hacioglu N, et al. (2026) Hypoxia-driven transcriptional activation of MIR100HG by HIF-1?? contributes to adaptive gene regulation in hepatocellular carcinoma. Functional & integrative genomics, 26(1).

Montoya T, et al. (2026) Alanine catabolism as a targetable vulnerability for MYC-driven liver cancer. Cell reports, 45(4), 117107.

Rose F, et al. (2026) A Serum lncRNA Signature Determines Oncogenic YAP Activity in Cancer Patients. International journal of cancer, 159(7), 1829.

Jang SH, et al. (2026) Epigenetic silencing of the liver-specific lncRNA LUNAR promotes liver cancer progression via NOTCH activation. Molecular oncology.

Xia Y, et al. (2025) Therapeutic Potential of STE20-Type Kinase STK25 Inhibition for the Prevention and Treatment of Metabolically Induced Hepatocellular Carcinoma. Cellular and molecular gastroenterology and hepatology, 19(7), 101485.

Turnham RE, et al. (2025) HBV Remodels PP2A Complexes to Rewire Kinase Signaling in Hepatocellular Carcinoma. Cancer research, 85(4), 660.

Xiao H, et al. (2025) Viscosity regulates cell spreading and cell-extracellular matrix interactions. The FEBS journal, 292(4), 740.

Outla Z, et al. (2025) Plecstatin inhibits hepatocellular carcinoma tumorigenesis and invasion through cytolinker plectin. Molecular oncology.

Tang M, et al. (2024) Infiltrative Vessel Co-optive Growth Pattern Induced by IQGAP3 Overexpression Promotes Microvascular Invasion in Hepatocellular Carcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(10), 2206.

Kato H, et al. (2024) Histone methyltransferase SUV420H1/KMT5B contributes to poor prognosis in hepatocellular carcinoma. Cancer science, 115(2), 385.

Breitenecker K, et al. (2023) Synergism of the receptor tyrosine kinase Axl with ErbB receptors mediates resistance to regorafenib in hepatocellular carcinoma. Frontiers in oncology, 13, 1238883.

Azbazdar Y, et al. (2023) Comparative membrane lipidomics of hepatocellular carcinoma cells reveals diacylglycerol and ceramide as key regulators of Wnt/??-catenin signaling and tumor growth. Molecular oncology, 17(11), 2314.

Gong X, et al. (2023) Volumetric Compression Shifts Rho GTPase Balance and Induces Mechanobiological Cell State Transition. bioRxiv : the preprint server for biology.

Uong TNT, et al. (2023) Direct Tumor Irradiation Potentiates Adoptive NK Cell Targeting Against Parental and Stemlike Cancer in Human Liver Cancer Models. International journal of radiation oncology, biology, physics.

Zhao Z, et al. (2023) QKI shuttles internal m7G-modified transcripts into stress granules and modulates mRNA metabolism. Cell, 186(15), 3208.

Lee SY, et al. (2022) Sorbitol dehydrogenase induction of cancer cell necroptosis and macrophage polarization in the HCC microenvironment suppresses tumor progression. Cancer letters, 551, 215960.

Missiaen R, et al. (2022) GCN2 inhibition sensitizes arginine-deprived hepatocellular carcinoma cells to senolytic treatment. Cell metabolism, 34(8), 1151.

Yang C, et al. (2022) A survey of optimal strategy for signature-based drug repositioning and an application to liver cancer. eLife, 11.