Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 2, 2025

HOS

RRID:CVCL_0312
Type: Cell Line

Proper Citation

(RRID:CVCL_0312)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0312

Proper Citation: (RRID:CVCL_0312)

Sex: Female

Defining Citation: PMID:1385192, PMID:2233717, PMID:2463881, PMID:2823272, PMID:6954533, PMID:12645653, PMID:15150091, PMID:15289353, PMID:17981215, PMID:19787792, PMID:20164919, PMID:20215515, PMID:21519327, PMID:22460905, PMID:23144859, PMID:26320182, PMID:26351324, PMID:26589293, PMID:27397505, PMID:28196595, PMID:30894373, PMID:31068700, PMID:35839778

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: H3K27ac ChIP-seq epigenome analysis., Omics: H3K4me1 ChIP-seq epigenome analysis., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Omics: Array-based CGH., Population: Caucasian., 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

Name: HOS

Cross References: BTO:BTO_0003904, CLO:CLO_0003795, CLO:CLO_0050810, EFO:EFO_0002196, MCCL:MCC:0000205, CLDB:cl1702, CLDB:cl1706, CLDB:cl7155, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1543, BCRC:60308, BCRJ:0339, BioSample:SAMN01821560, BioSample:SAMN01821729, BioSample:SAMN03471393,

BioSample:SAMN10987602, cancercelllines:CVCL_0312, CCRID:1101HUM-PUMC000038, CCRID:4201HUM-CCTCC00333, CCRID:5301HUM-KCB15015YJ, CCTCC:GDC0251, CCTCC:GDC0333, Cell_Model_Passport:SIDM00806, ChEMBL-Cells:CHEMBL3308811, ChEMBL-Targets:CHEMBL614173, ChEMBL-Targets:CHEMBL614736, CLS:300449, CLS:300468, Cosmic:687928, Cosmic:759899, Cosmic:907060, Cosmic:931037, Cosmic:931910, Cosmic:1044082, Cosmic:1070840, Cosmic:1074391, Cosmic:1176621, Cosmic:1529902, Cosmic:2816208, Cosmic-CLP:907060, DepMap:ACH-000613, ECACC:87070202, EGA:EGAS00001000978, GDSC:907060, GEO:GSM170248, GEO:GSM185087, GEO:GSM185088, GEO:GSM320827, GEO:GSM827319, GEO:GSM879208, GEO:GSM887088, GEO:GSM888159, GEO:GSM1669891, GEO:GSM1676300, GEO:GSM1701635, GEO:GSM1914984, GEO:GSM1914985, GEO:GSM1914986, GEO:GSM1914987, GEO:GSM1915023, GEO:GSM1915024, GEO:GSM2635315, GEO:GSM2635316, GEO:GSM5087472, GEO:GSM5087473, GEO:GSM5087474, GEO:GSM5087475, GEO:GSM5087476, GEO:GSM5087477, IARC_TP53:27020, ICLC:HTL04003, IGRhCellID:HOS, IZSLER:BS TCL 69, JCRB:IFO50106, KCB:KCB 2015015YJ, LiGeA:CCLE_703, LINCS_LDP:LCL-1421, PharmacoDB:HOS_563_2019, PRIDE:PXD022868, PRIDE:PXD030304, Progenetix:CVCL_0312, PubChem_Cell_line:CVCL_0312, RCB:RCB0992, Wikidata:Q54890160

ID: CVCL_0312

Record Creation Time: 20250131T200609+0000

Record Last Update: 20250131T201916+0000

Ratings and Alerts

No rating or validation information has been found for HOS.

No alerts have been found for HOS.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 29 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Fu X, et al. (2024) Repurposing AS1411 for constructing ANM-PROTACs. Cell chemical biology, 31(7), 1290.

Hu X, et al. (2024) MTF2 facilitates the advancement of osteosarcoma through mediating

EZH2/SFRP1/Wnt signaling. Journal of orthopaedic surgery and research, 19(1), 467.

Zhang Y, et al. (2024) Circ_0002669 promotes osteosarcoma tumorigenesis through directly binding to MYCBP and sponging miR-889-3p. Biology direct, 19(1), 25.

Zhang Z, et al. (2024) Membrane HIV-1 envelope glycoproteins stabilized more strongly in a pretriggered conformation than natural virus Envs. iScience, 27(7), 110141.

Li X, et al. (2024) Identification of TNFRSF21 as an inhibitory factor of osteosarcoma based on a necroptosis-related prognostic gene signature and molecular experiments. Cancer cell international, 24(1), 14.

Pezzella M, et al. (2024) Tumor-derived G-CSF induces an immunosuppressive microenvironment in an osteosarcoma model, reducing response to CAR.GD2 T-cells. Journal of hematology & oncology, 17(1), 127.

Wang KD, et al. (2023) Sanguinarine induces apoptosis in osteosarcoma by attenuating the binding of STAT3 to the single-stranded DNA-binding protein 1 (SSBP1) promoter region. British journal of pharmacology, 180(24), 3175.

Watanabe Y, et al. (2023) Development of CAR-T cells specifically targeting cancer stem cell antigen DNAJB8 against solid tumours. British journal of cancer, 128(5), 886.

Udi Y, et al. (2023) A general method for quantitative fractionation of mammalian cells. The Journal of cell biology, 222(6).

Takahashi S, et al. (2023) CCDC85A is regulated by miR-224-3p and augments cancer cell resistance to endoplasmic reticulum stress. Frontiers in oncology, 13, 1196546.

Zimmermann M, et al. (2022) Guiding ATR and PARP inhibitor combinationswith chemogenomic screens. Cell reports, 40(2), 111081.

Sun P, et al. (2022) Hsa_circ_0097271 Knockdown Attenuates Osteosarcoma Progression via Regulating miR-640/MCAM Pathway. Disease markers, 2022, 8084034.

Tauzin A, et al. (2022) Strong humoral immune responses against SARS-CoV-2 Spike after BNT162b2 mRNA vaccination with a 16-week interval between doses. Cell host & microbe, 30(1), 97.

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.

Fuest S, et al. (2022) Relevance of Abnormal KCNN1 Expression and Osmotic Hypersensitivity in Ewing Sarcoma. Cancers, 14(19).

Tauzin A, et al. (2021) A single dose of the SARS-CoV-2 vaccine BNT162b2 elicits Fc-mediated antibody effector functions and T cell responses. Cell host & microbe, 29(7), 1137.

Anand SP, et al. (2021) Longitudinal analysis of humoral immunity against SARS-CoV-2 Spike in convalescent individuals up to 8 months post-symptom onset. Cell reports. Medicine, 2(6), 100290.

Sovadinová I, et al. (2021) Applicability of Scrape Loading-Dye Transfer Assay for Non-Genotoxic Carcinogen Testing. International journal of molecular sciences, 22(16).

Böckelmann LC, et al. (2021) YKL-40 protein expression in human tumor samples and human tumor cell line xenografts: implications for its use in tumor models. Cellular oncology (Dordrecht), 44(5), 1183.