Resource Summary Report

Generated by dkNET on Sep 3, 2026

SK-N-SH

RRID:CVCL_0531
Type: Cell Line

Proper Citation

RRID:CVCL_0531

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0531

Proper Citation: RRID:CVCL_0531

Description: Cell line SK-N-SH is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Neuroblastoma

Defining Citation: PMID:29704, PMID:62055, PMID:833871, PMID:856461, PMID:922665, PMID:1354203, PMID:2535691, PMID:2846152, PMID:2987426, PMID:3518877, PMID:4748425, PMID:6304521, PMID:6582512, PMID:6610792, PMID:6888561, PMID:6935474, PMID:7037175, PMID:7838528, PMID:8040301, PMID:8069455, PMID:8490657, PMID:8617485, PMID:8665486, PMID:10074188, PMID:10630978, PMID:11550280, PMID:12702577, PMID:15390183, PMID:15892104, PMID:16822308, PMID:18724359, PMID:18923523, PMID:18923524, PMID:18957096, PMID:22213050, PMID:22460905, PMID:23325432, PMID:24466371, PMID:25485619, PMID:25877200, PMID:25960936, PMID:26589293, PMID:27397505, PMID:28350380, PMID:30894373, PMID:30971826, PMID:31068700, PMID:35839778

Comments: Anecdotal: One of the 3 cell lines (HT-1080, RD and SK-N-SH) where the NRAS oncogene was first identified (PubMed=6304521)., Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., Part of: ENCODE project common cell types; tier 3., 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: SK-N-SH

Synonyms: SK N SH, SKN-SH, SK-NSH, SKNSH, NSH

Cross References: BTO:BTO_0001620, CLO:CLO_0009059, CLO:CLO_0050268, EFO:EFO_0003072, MCCL:MCC:0000430, CLDB:cl4345, CLDB:cl4347, CLDB:cl4348, CLDB:cl4349, CLDB:cl4351, CLDB:cl4352, AddexBio:C0005006/4924, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-3610, ATCC:HTB-11, BioGRID_ORCS_Cell_line:1014, BioSample:SAMN01821600, BioSample:SAMN03472879, BioSample:SAMN10987849, cancercelllines:CVCL_0531, CancerTools:161937, CCRID:1101HUM-PUMC000086, CCRID:3101HUMSCSP5029, CCRID:3101HUMTCHu51, CCRID:4201HUM-CCTCC00047, CCTCC:GDC0047, Cell_Model_Passport:SIDM01098, CGH-DB:62-1, CGH-DB:9093-4, ChEMBL-Cells:CHEMBL3307745, ChEMBL-Targets:CHEMBL614924, CLS:305028, Cosmic:697284, Cosmic:717431, Cosmic:801743, Cosmic:848936, Cosmic:922656, Cosmic:923830, Cosmic:930078, Cosmic:947706, Cosmic:1019929, Cosmic:1037355, Cosmic:1078393, Cosmic:1082519, Cosmic:1099151, Cosmic:1109108, Cosmic:1109371, Cosmic:1153800, Cosmic:1153806, Cosmic:1162006, Cosmic:1167420, Cosmic:1167993, Cosmic:1518079, Cosmic:1526640, Cosmic:2058116, Cosmic:2131595, Cosmic:2239469, Cosmic:2393645, Cosmic:2485952, Cosmic-CLP:717431, DepMap:ACH-000149, ECACC:86012802, EGA:EGAS00001000610, EGA:EGAS00001000978, ENCODE:ENCBS007RAH, ENCODE:ENCBS018DDZ, ENCODE:ENCBS061YYT, ENCODE:ENCBS324TZB, ENCODE:ENCBS360ENC, ENCODE:ENCBS361ENC, ENCODE:ENCBS362ENC, ENCODE:ENCBS363ENC, ENCODE:ENCBS364ENC, ENCODE:ENCBS365ENC, ENCODE:ENCBS376ENC, ENCODE:ENCBS387WHS, ENCODE:ENCBS428ENC, ENCODE:ENCBS433ENC, ENCODE:ENCBS434ENC, ENCODE:ENCBS435ENC, ENCODE:ENCBS436ENC, ENCODE:ENCBS437ENC, ENCODE:ENCBS438ENC, ENCODE:ENCBS439KOM, ENCODE:ENCBS489AAA, ENCODE:ENCBS490AAA, ENCODE:ENCBS491AAA, ENCODE:ENCBS492AAA, ENCODE:ENCBS495AAA, ENCODE:ENCBS500EWH, ENCODE:ENCBS526AQV, ENCODE:ENCBS592MTQ, GDSC:717431, GEO:GSM231674, GEO:GSM231675, GEO:GSM231676, GEO:GSM231677, GEO:GSM231678, GEO:GSM231679, GEO:GSM231680, GEO:GSM231681, GEO:GSM231682, GEO:GSM231683, GEO:GSM231684, GEO:GSM231685, GEO:GSM231686, GEO:GSM231687, GEO:GSM231688, GEO:GSM231689, GEO:GSM231690, GEO:GSM231691, GEO:GSM231692, GEO:GSM231693, GEO:GSM314027, GEO:GSM333814, GEO:GSM563357, GEO:GSM692864, GEO:GSM803335, GEO:GSM887597, GEO:GSM888680, GEO:GSM923419, GEO:GSM923441, GEO:GSM1003626, GEO:GSM1003627, GEO:GSM1003628, GEO:GSM1003629, GEO:GSM1003630, GEO:GSM1003631, GEO:GSM1003632, GEO:GSM1003633, GEO:GSM1008585, GEO:GSM1010735, GEO:GSM1010738, GEO:GSM1010739, GEO:GSM1010750, GEO:GSM1010751, GEO:GSM1010763, GEO:GSM1010767, GEO:GSM1010773, GEO:GSM1010799, GEO:GSM1010806, GEO:GSM1010816, GEO:GSM1010817, GEO:GSM1010834, GEO:GSM1010835, GEO:GSM1010840, GEO:GSM1010858, GEO:GSM1010880, GEO:GSM1010887, GEO:GSM1010897, GEO:GSM1010900, GEO:GSM1010901, GEO:GSM1622296, GEO:GSM1670454, GEO:GSM2371259, GEO:GSM2394365, GEO:GSM2824362, GEO:GSM2824363, GEO:GSM4104597, GEO:GSM4104598, GEO:GSM4104637, GEO:GSM4104638, IARC_TP53:23584, ICLC:HTL96019, IZSLER:BS TCL 143, KCB:KCB 200426YJ, KCLB:30011, LINCS_LDP:LCL-1971, Lonza:80, PharmacoDB:SKNSH_1409_2019, PRIDE:PXD030304, Progenetix:CVCL_0531, PubChem_Cell_line:CVCL_0531, RCB:RCB0426, TOKU-E:3149, Ubigene:YC-C027, Wikidata:Q28308636

ID: CVCL_0531

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Ratings and Alerts

No rating or validation information has been found for SK-N-SH.

No alerts have been found for SK-N-SH.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 1072 mentions in open access literature.

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

Norouzi M, et al. (2026) DNA-PKcs promotes therapy resistance and metastatic recurrence in neuroblastoma. Cancer letters, 646, 218383.

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Gautier M, et al. (2026) A regulatory circuitry driving a noradrenergic to mesenchymal transition highlights YAP/TAZ as critical players in neuroblastoma plasticity. Cell reports, 45(5), 117351.

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Montuori G, et al. (2025) Extrachromosomal DNA-Driven Oncogene Dosage Heterogeneity Promotes Rapid Adaptation to Therapy in MYCN-Amplified Cancers. Cancer discovery, 15(10), 2054.

Mohan HM, et al. (2025) Endogenous retrovirus-like proteins recruit UBQLN2 to stress granules and shape their functional biology. Science advances, 11(29), eadu6354.

DeAngelo SL, et al. (2025) Recharacterization of the Tumor Suppressive Mechanism of RSL3 Identifies the Selenoproteome as a Druggable Pathway in Colorectal Cancer. Cancer research, 85(15), 2788.

Zaghmi A, et al. (2024) High-content screening of drug combinations of an mPGES-1 inhibitor in multicellular tumor spheroids leads to mechanistic insights into neuroblastoma chemoresistance. Molecular oncology, 18(2), 317.

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Tan EW, et al. (2024) Adenovirus-mediated expression of MOAP-1, Bax and RASSF1A??antagonizes chemo-drug resistance of human breast cancer cells expressing cancer stem cell markers. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 176, 116744.

Abu-Zaid A, et al. (2024) Histone lysine demethylase 4 family proteins maintain the transcriptional program and adrenergic cellular state of MYCN-amplified neuroblastoma. Cell reports. Medicine, 5(3), 101468.

Campodonico W, et al. (2024) The gag-like gene RTL8 antagonizes PEG10-mediated virus like particles. PloS one, 19(12), e0310946.

Qiao S, et al. (2024) KLF7 promotes neuroblastoma differentiation through the GTPase signaling pathway by upregulating neuroblast differentiation-associated protein AHNAKs and glycerophosphodiesterase GDPD5. The FEBS journal, 291(17), 3870.

Englisch AS, et al. (2024) Ankrd26 is a retinoic acid-responsive plasma membrane-binding and -shaping protein critical for proper cell differentiation. Cell reports, 43(3), 113939.

Lu Y, et al. (2024) Activation of Bradykinin B2 Receptors in Astrocytes Stimulates the Release of Leukemia Inhibitory Factor for Autocrine and Paracrine Signaling. International journal of molecular sciences, 25(23).

Wong MRE, et al. (2023) Targeting mutant dicer tumorigenesis in pleuropulmonary blastoma via inhibition of RNA polymerase I. Translational research : the journal of laboratory and clinical medicine, 258, 60.