

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

SCC-25

RRID:CVCL_1682

Type: Cell Line

Proper Citation

RRID:CVCL_1682

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1682

Proper Citation: RRID:CVCL_1682

Description: Cell line SCC-25 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Tongue squamous cell carcinoma

Defining Citation: [PMID:1394225](#), [PMID:1574572](#), [PMID:2380097](#), [PMID:2573646](#), [PMID:3138611](#), [PMID:3182330](#), [PMID:3417487](#), [PMID:3458227](#), [PMID:3539321](#), [PMID:6722007](#), [PMID:7214336](#), [PMID:8339273](#), [PMID:8390283](#), [PMID:17312569](#), [PMID:17325662](#), [PMID:17848307](#), [PMID:20014447](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:21868764](#), [PMID:22006338](#), [PMID:22460905](#), [PMID:22546478](#), [PMID:22564525](#), [PMID:24201445](#), [PMID:24825747](#), [PMID:25275298](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25888065](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:27664486](#), [PMID:28196595](#), [PMID:29156801](#), [PMID:29423072](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31395879](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: OPC-22 oral and pharyngeal cancer cell line panel., 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: SCC-25

Synonyms: SCC 25, SCC25, hSCC-25

Cross References: BTO:BTO_0003774, CLO:CLO_0008967, EFO:EFO_0006483, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1628, BCRC:60516, BCRJ:0194, BioSample:SAMN01821595, BioSample:SAMN01821662, BioSample:SAMN03473153, BioSample:SAMN10988425, cancercellines:CVCL_1682, Cell_Model_Passport:SIDM01082, ChEMBL-Cells:ChEMBL3307440, ChEMBL-Targets:ChEMBL614901, CLS:300607, Cosmic:910701, Cosmic:921836, Cosmic:922091, Cosmic:927216, Cosmic:932151, Cosmic:1006470, Cosmic:1017795, Cosmic:1041676, Cosmic:1122672, Cosmic:1212701, Cosmic:1339916, Cosmic:1351515, Cosmic:1530753, Cosmic:1608864, Cosmic:1752766, Cosmic:2043888, Cosmic:2266782, Cosmic:2296302, Cosmic:2301591, Cosmic:2546842, Cosmic:2550367, Cosmic-CLP:910701, DepMap:ACH-000188, DSMZ:ACC-617, DSMZCellDive:ACC-617, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:910701, GEO:GSM422872, GEO:GSM423675, GEO:GSM887559, GEO:GSM888642, GEO:GSM1374864, GEO:GSM1519068, GEO:GSM1519069, GEO:GSM1519070, GEO:GSM1670409, IARC_TP53:1914, IGRhCellID:SCC25%20GSE9585, LiGeA:CCLE_772, LINCS_LDP:LCL-1223, PharmacDB:SCC25_1353_2019, PRIDE:PXD002486, PRIDE:PXD030304, Progenetix:CVCL_1682, PubChem_Cell_line:CVCL_1682, TOKU-E:3097, Wikidata:Q54952341

ID: CVCL_1682

Record Creation Time: 20220427T221517+0000

Record Last Update: 20260913T005941+0000

Ratings and Alerts

No rating or validation information has been found for SCC-25.

No alerts have been found for SCC-25.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 442 mentions in open access literature.

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

Hu X, et al. (2026) Immune gene diversity and STING1 variants in shaping cancer immunity across different genetic ancestry populations. Cell reports, 45(2), 116882.

Wu J, et al. (2026) Protein Phosphatase 2 Is Required for Metastatic Dormancy and Is Regulated by Histone Demethylase KDM5A. Molecular carcinogenesis, 65(6), 687.

Xu W, et al. (2026) PARD6G mediates resistance to PD-1 immune checkpoint blockade in head and neck squamous cell carcinoma. International immunopharmacology, 184,

116949.

Zhao W, et al. (2026) Astragaloside IV represses the immune evasion and acidic microenvironment of oral squamous cell carcinoma. *Cellular & molecular biology letters*, 31(1).

Du Y, et al. (2026) Maackia amurensis seed lectin inhibits oral squamous cell carcinoma tumorigenesis by suppressing N6-methyladenosine modification-mediated SRY-box transcription factor 2 expression. *The Journal of international medical research*, 54(6), 3000605261457780.

Govindarajan M, et al. (2026) Pan-cancer N-glycoproteomic atlas of patient-derived xenografts uncovers FAT2 as an actionable surface target. *Cell reports. Medicine*, 7(2), 102578.

Ma H, et al. (2026) Serum metabolomics profiling in head and neck squamous cell carcinoma: a multicentre diagnostic study. *EBioMedicine*, 130, 106379.

Zhang Y, et al. (2026) Nociceptive neurons protect cancer cells against oxidative stress. *Cell reports*, 45(3), 117086.

Zhang J, et al. (2026) RNA exonuclease REXO4 resolves m6A-marked R-loops and suppresses anti-tumor immunity. *Molecular cell*.

Dai Y, et al. (2025) Jiawei Danxuan Koukang and its key component Quercetin intervened in OSF carcinogenesis by inhibiting the AR/eIF5A2 signaling pathway-mediated EMT. *Archives of oral biology*, 173, 106194.

Zhang J, et al. (2025) High-power organic light-emitting diodes for photodynamic therapy in a mouse model of oral squamous cell carcinoma. *Biomedical optics express*, 16(12), 4993.

Cui Y, et al. (2025) Baicalin attenuates the immune escape of oral squamous cell carcinoma by reducing lactate accumulation in tumor microenvironment. *Journal of advanced research*.

Zhao H, et al. (2025) Elucidating the role of N-myristoylation in the excessive membrane localization of PD-L1 in hypoxic cancers and developing a novel NMT1 inhibitor for combination with immune checkpoint blockade therapy. *Journal of experimental & clinical cancer research : CR*, 44(1), 181.

Liu Y, et al. (2025) ITGA5-expressing tumor cells interact with Schwann cells to drive nerve growth factor-mediated immunosuppression of NK cells. *Molecular therapy : the journal of the American Society of Gene Therapy*.

Dai Z, et al. (2025) N-cadherin-triggered myosin II inactivation provides tumor cells with a mechanical cell competition advantage and chemotherapy resistance. *Developmental cell*, 60(12), 1784.

Ji Y, et al. (2024) IL-1?? facilitates GSH synthesis to counteract oxidative stress in oral squamous cell carcinoma under glucose-deprivation. *Cancer letters*, 589, 216833.

Yamamoto V, et al. (2024) GRP78 inhibitor YUM70 upregulates 4E-BP1 and suppresses c-MYC expression and viability of oncogenic c-MYC tumors. *Neoplasia* (New York, N.Y.), 55, 101020.

Sinha S, et al. (2024) Aberrant activation of AXL may drive progression of squamous cell carcinoma in CLL patients: a mechanistic study with clinical implications. *British journal of cancer*, 131(3), 589.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. *Cell chemical biology*, 31(7), 1247.

Rekha M, et al. (2024) Deciphering Annona's Anticancer Potential: Comparative Analysis of Crude Extract Versus Nanoformulation on SCC-25 Oral Cancer Cells Through cell Viability, Apoptosis, Cell Cycle, ROS, and MMP Analysis. *Journal of maxillofacial and oral surgery*, 23(4), 935.