

# Resource Summary Report

Generated by [NIF](#) on Sep 9, 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](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:** 20260905T182256+0000

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## Ratings and Alerts

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

No alerts have been found for SCC-25.

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## Data and Source Information

**Source:** [Cellosaurus](#)

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## 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.

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).

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.

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.

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.

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*.

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.