

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

SCC-9

RRID:CVCL_1685

Type: Cell Line

Proper Citation

RRID:CVCL_1685

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1685

Proper Citation: RRID:CVCL_1685

Description: Cell line SCC-9 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Tongue squamous cell carcinoma

Defining Citation: [PMID:1423286](#), [PMID:1574572](#), [PMID:2394610](#), [PMID:2573646](#), [PMID:3458227](#), [PMID:7214336](#), [PMID:8390283](#), [PMID:17312569](#), [PMID:17325662](#), [PMID:20014447](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:21868764](#), [PMID:22460905](#), [PMID:25275298](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:29156801](#), [PMID:30135316](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:32990596](#), [PMID:35839778](#), [PMID:36912284](#), [PMID:37949965](#)

Comments: Caution: TP53 mutation indicated incorrectly as being at p.Val274_Glu285del (c.820_851del32) in PubMed=1423286 and PubMed=25275298., Population: Caucasian., Part of: OPC-22 oral and pharyngeal cancer cell line panel., 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-9

Synonyms: SCC 9, SCC9, SFCI-SCC-09

Cross References: BTO:BTO_0005855, CLO:CLO_0008969, EFO:EFO_0006485, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770,

ArrayExpress:E-MTAB-3610, ATCC:CRL-1629, BCRJ:0196, BioGRID_ORCS_Cell_line:1006, BioSample:SAMN03473154, BioSample:SAMN10987925, cancercellines:CVCL_1685, Cell_Model_Passport:SIDM01080, ChEMBL-Cells:ChEMBL3308782, ChEMBL-Targets:ChEMBL1075571, CLS:305390, Cosmic:909709, Cosmic:921834, Cosmic:1175847, Cosmic:1339929, Cosmic:1530757, Cosmic:2266781, Cosmic:2296303, Cosmic:2513911, Cosmic:2546841, Cosmic-CLP:909709, DepMap:ACH-000181, ECACC:89062003, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:909709, GEO:GSM422870, GEO:GSM423673, GEO:GSM887561, GEO:GSM888644, GEO:GSM1374866, GEO:GSM1670412, GEO:GSM7695974, GEO:GSM7695975, IARC_TP53:1688, IGRhCellID:SCC9%20GSE9585, LiGeA:CCLE_732, LINCS_LDP:LCL-1225, PharmacDB:SCC9_1356_2019, PRIDE:PXD030304, Progenetix:CVCL_1685, PubChem_Cell_line:CVCL_1685, RCB:RCB0718, TOKU-E:3099, Wikidata:Q54952359

ID: CVCL_1685

Record Creation Time: 20220427T221517+0000

Record Last Update: 20260905T182256+0000

Ratings and Alerts

No rating or validation information has been found for SCC-9.

Warning: Discontinued: RCB; RCB0718

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Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 256 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.

Liu W, et al. (2026) DDX24 exacerbates inflammation-induced immunosuppression in oral squamous cell carcinoma progression through IL-17 signaling pathway. Archives of oral biology, 188, 106639.

Wu H, et al. (2026) USP4-mediated deubiquitination of NOTCH1 inhibits HNSCC progression through regulating oxidative stress and ferroptosis. International

immunopharmacology, 186, 117071.

Mao YL, et al. (2026) Targeting Purine Metabolism With 6-Mercaptopurine Overcomes Solute Carrier Family 7 Member 2 Deficiency-Induced Cisplatin Resistance in Tongue Squamous Cell Carcinoma. *Oral diseases*.

Yang Y, et al. (2026) TNFRSF10B, a Therapeutic Target for Oral Squamous Cell Carcinoma Through Integrated Bioinformatics and Preliminary Experiments. *Technology in cancer research & treatment*, 25, 15330338261426318.

Xu C, et al. (2026) HOMER3 drives oral squamous cell carcinoma progression through TRPV6 calcium influx and TUBB3 microtubule stabilization. *Oncogene*, 45(2), 278.

Li H, et al. (2026) pH/ROS-Responsive Injectable Hydrogel Co-Loaded with B7-H3 Blocker and NETs Suppressor Boosts OSCC Synergistic Immunotherapy. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(20), e15431.

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.

Tuohuti A, et al. (2026) MTHFD2-Mediated Ubiquitination and Degradation of FOXO1 Promote Tongue Squamous Cell Carcinoma Progression. *Molecular cancer research : MCR*, 24(4), 270.

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

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.

Pant D, et al. (2025) Interplay of YEATS2 and GCDH regulates histone crotonylation and drives EMT in head and neck cancer. *eLife*, 14.

Woo SR, et al. (2025) Blocking YAP1-Liprin-??2 interaction impedes metastasis and promotes tumor suppression in head and neck squamous carcinoma. *Scientific reports*, 15(1), 26968.

Chattopadhyay T, et al. (2025) A piRNA chemosensitizes doxorubicin in tongue squamous cell carcinoma by targeting FDFT1 and inhibiting the EIF3H/HIF1?-/CYPOR axis. *Archives of biochemistry and biophysics*, 770, 110455.

Park S, et al. (2025) The PTTG1/VASP axis promotes oral squamous cell carcinoma metastasis by modulating focal adhesion and actin filaments. *Molecular oncology*, 19(5), 1517.

Xu Z, et al. (2025) Tongue squamous cell carcinoma-derived exosomes miR-21-5p affect tumor progression via promoting M2 macrophage polarization. *Non-coding RNA research*, 13, 184.

Peng HY, et al. (2025) EGFRvIII-driven microenvironmental fibroblast activation and transformation accelerate oral cancer progression via lipocalin-2/STAT3 axis. *Neoplasia* (New York, N.Y.), 66, 101193.

Yee PS, et al. (2025) Interferon-Inducible ADAR1 p150 Is Essential for the Survival of Oral Squamous Cell Carcinoma. *Molecular carcinogenesis*, 64(6), 1066.