

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

UM-SCC-12

RRID:CVCL_7717

Type: Cell Line

Proper Citation

RRID:CVCL_7717

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_7717

Proper Citation: RRID:CVCL_7717

Description: Cell line UM-SCC-12 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Laryngeal squamous cell carcinoma

Defining Citation: [PMID:3855324](#), [PMID:12884349](#), [PMID:17312569](#), [PMID:19760794](#), [PMID:22265717](#), [PMID:28196595](#), [PMID:31090975](#)

Comments: Part of: MD Anderson Cell Lines Project.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: UM-SCC-12

Synonyms: UMSCC-12, UMSCC12, University of Michigan-Squamous Cell Carcinoma-12

Cross References: BTO:BTO_0003139, cancercellines:CVCL_7717, GEO:GSM3631267, IARC_TP53:18877, Progenetix:CVCL_7717, Wikidata:Q54990809

ID: CVCL_7717

Record Creation Time: 20220427T221656+0000

Record Last Update: 20260905T182653+0000

Ratings and Alerts

No rating or validation information has been found for UM-SCC-12.

No alerts have been found for UM-SCC-12.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Dennis CD, et al. (2025) 24R,25(OH)2D3 regulates tumorigenesis in estrogen sensitive laryngeal cancer cells via membrane-associated receptor complexes in ER+ and ER-cells. International journal of cancer.

Chang MS, et al. (2025) Optimization of computational ancestry inference for use in cancer cell lines. Biology methods & protocols, 10(1), bpaf043.

Dennis CD, et al. (2024) Laryngeal Cancer Cells Metabolize 25-Hydroxyvitamin D3 and Respond to 24R,25-dihydroxyvitamin D3 via a Mechanism Dependent on Estrogen Receptor Levels. Cancers, 16(9).

Gobin C, et al. (2023) Investigating miR-9 as a mediator in laryngeal cancer health disparities. Frontiers in oncology, 13, 1096882.

Elkashty OA, et al. (2020) Cancer stem cells enrichment with surface markers CD271 and CD44 in human head and neck squamous cell carcinomas. Carcinogenesis, 41(4), 458.

Elkashty OA, et al. (2020) Broccoli extract increases drug-mediated cytotoxicity towards cancer stem cells of head and neck squamous cell carcinoma. British journal of cancer, 123(9), 1395.

Elkashty OA, et al. (2018) Broccoli extract improves chemotherapeutic drug efficacy against head-neck squamous cell carcinomas. Medical oncology (Northwood, London, England), 35(9), 124.