

Resource Summary Report

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

EC9706

RRID:CVCL_E307

Type: Cell Line

Proper Citation

RRID:CVCL_E307

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_E307

Proper Citation: RRID:CVCL_E307

Description: Cell line EC9706 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Human papillomavirus-related endocervical adenocarcinoma

Defining Citation: [PMID:12476413](#), [PMID:21191746](#), [PMID:28807831](#), [PMID:28851942](#)

Comments: Population: African American., Problematic cell line: Contaminated. Shown to be a HeLa derivative (PubMed=28807831). Originally thought to originate from a 65 year old male patient with a esophagal squamous cell carcinoma..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: EC9706

Synonyms: Ec9706, EC-9706

Cross References: BTO:BTO_0005757, EFO:EFO_0022576, ChEMBL-Cells:ChEMBL4295473, ChEMBL-Targets:ChEMBL4296412, PubChem_Cell_line:CVCL_E307, TOKU-E:3567, Wikidata:Q54831915

ID: CVCL_E307

Hierarchy: cvcl_0030

Record Creation Time: 20220427T215828+0000

Ratings and Alerts

No rating or validation information has been found for EC9706.

No alerts have been found for EC9706.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 171 mentions in open access literature.

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

Zhang S, et al. (2025) SFP6 fluorescent probes for imaging SAM dynamics in living cells. *Mikrochimica acta*, 192(3), 180.

Wang KH, et al. (2025) RNF185 promotes esophageal squamous cell carcinoma progression by regulating BAK1 ubiquitination and activating the cGAS-STING-IRF3 pathway. *European journal of medical research*, 30(1), 1139.

Chen X, et al. (2024) Single-Cell Transcriptomics Reveals STAT1 Drives LHPP Downregulation in Esophageal Squamous Cell Carcinoma Progression. *Technology in cancer research & treatment*, 23, 15330338241293485.

Shi Q, et al. (2024) Phospholipase PLCE1 Promotes Transcription and Phosphorylation of MCM7 to Drive Tumor Progression in Esophageal Cancer. *Cancer research*, 84(4), 560.

Wang J, et al. (2023) Circ_0003340 regulates the expression of ENAH to affect the development of esophageal cancer through miR-874-3p. *Thoracic cancer*, 14(9), 815.

Tang D, et al. (2023) Transcriptomic analysis of the effects of the HPV18 E6E7 gene on the cell death mode in esophageal squamous cell carcinoma. *Oncology letters*, 25(4), 167.

Zhao W, et al. (2023) Glutamine Deprivation Synergizes the Anticancer Effects of Cold Atmospheric Plasma on Esophageal Cancer Cells. *Molecules (Basel, Switzerland)*, 28(3).

Peng H, et al. (2023) SLC43A2 and NF- κ B signaling pathway regulate methionine/cystine restriction-induced ferroptosis in esophageal squamous cell carcinoma via a feedback loop. *Cell death & disease*, 14(6), 347.

Liang F, et al. (2023) Long noncoding RNA LINC01088 inhibits esophageal squamous cell carcinoma progression by targeting the NPM1-HDM2-p53 axis. *Acta biochimica et biophysica Sinica*, 55(3), 367.

Ma N, et al. (2023) PES1 reduces CD8+ T cell infiltration and immunotherapy sensitivity via interrupting ILF3-IL15 complex in esophageal squamous cell carcinoma. *Journal of biomedical science*, 30(1), 20.

Yang K, et al. (2023) M2 tumor-associated macrophage mediates the maintenance of stemness to promote cisplatin resistance by secreting TGF- β 1 in esophageal squamous cell carcinoma. *Journal of translational medicine*, 21(1), 26.

Xu WW, et al. (2023) Genome-wide CRISPR/Cas9 screening identifies a targetable MEST-PURA interaction in cancer metastasis. *EBioMedicine*, 92, 104587.

Shou Y, et al. (2022) Exosomal miR-301a-3p from esophageal squamous cell carcinoma cells promotes angiogenesis by inducing M2 polarization of macrophages via the PTEN/PI3K/AKT signaling pathway. *Cancer cell international*, 22(1), 153.

Cheng J, et al. (2022) Circular RNA hsa_circ_0000277 promotes tumor progression and DDP resistance in esophageal squamous cell carcinoma. *BMC cancer*, 22(1), 238.

Chen G, et al. (2022) miR-145-3p Hampers the Malignant Progression of Esophageal Carcinoma via CXCL5 Downregulation. *Analytical cellular pathology (Amsterdam)*, 2022, 5418356.

Cui Y, et al. (2022) ESCCAL-1 promotes cell-cycle progression by interacting with and stabilizing galectin-1 in esophageal squamous cell carcinoma. *NPJ precision oncology*, 6(1), 12.

Zhang H, et al. (2022) LncRNA RPL34-AS1 suppresses the proliferation, migration and invasion of esophageal squamous cell carcinoma via targeting miR-575/ACAA2 axis. *BMC cancer*, 22(1), 1017.

Ma ZQ, et al. (2022) Melatonin inhibits ESCC tumor growth by mitigating the HDAC7/ β -catenin/c-Myc positive feedback loop and suppressing the USP10-maintained HDAC7 protein stability. *Military Medical Research*, 9(1), 54.

Li F, et al. (2022) Pro-Angiogenesis Role of LINC00662 From Esophageal Squamous Cell Carcinoma Cells-Derived Extracellular Vehicles. *Frontiers in bioengineering and biotechnology*, 10, 772514.

Qin Y, et al. (2022) The Biomarker Like the Correlation between Vasculogenic Mimicry, Vascular Endothelial Cadherin, Sex-DeterminingRegion on Y-Box Transcription Factor 17, and Cyclin D1 in Oesophageal Squamous Cell Carcinoma. *Journal of oncology*, 2022, 8915503.