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

Record Last Update: 20260905T175250+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?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-?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.

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.

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.

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.

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/?-catenin/c-Myc positive feedback loop and suppressing the USP10-maintained HDAC7 protein stability. Military Medical Research, 9(1), 54.