

Resource Summary Report

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

C666-1

RRID:CVCL_7949

Type: Cell Line

Proper Citation

RRID:CVCL_7949

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_7949

Proper Citation: RRID:CVCL_7949

Description: Cell line C666-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Nasopharyngeal carcinoma

Defining Citation: [PMID:10449618](#), [PMID:12645650](#), [PMID:18196576](#), [PMID:23915735](#), [PMID:24991015](#), [PMID:25787276](#), [PMID:26116706](#), [PMID:30405107](#)

Comments: Virology: Contains a complete EBV genome (strain C666-1) which has been sequenced (PubMed=23915735; PubMed=25787276)., Population: Chinese.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: C666-1

Synonyms: c666-1, C6661

Cross References: BTO:BTO_0004805, Cell_Model_Passport:SIDM01988, ChEMBL-Cells:ChEMBL4482988, ChEMBL-Targets:ChEMBL4483231, Cosmic:1017617, Cosmic:1301000, PubChem_Cell_line:CVCL_7949, Wikidata:Q54808229

ID: CVCL_7949

Hierarchy: cvcl_m597

Record Creation Time: 20220427T215435+0000

Ratings and Alerts

No rating or validation information has been found for C666-1.

No alerts have been found for C666-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 289 mentions in open access literature.

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

Li Y, et al. (2026) HNRNPD Induces Radioresistance in Nasopharyngeal Carcinoma by Sequestering GRAMD4 mRNA in Stress Granules. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(43), e21038.

Komura S, et al. (2026) Expression of Glycoprotein B (gB) Correlates With Poor Prognosis in Nasopharyngeal Carcinoma. Cancer science, 117(5), 1481.

Zhao L, et al. (2025) 68Ga-NK224 PET/CT for Noninvasive Evaluation of PD-L1 Expression and Intertumor Heterogeneity: A Translational Exploratory Study. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(14), 2989.

Yeung CLS, et al. (2025) Identification of molecular markers and exploration of the oncogenic role of exomeres in hepatocellular carcinoma. Cell reports, 44(11), 116460.

Chen Q, et al. (2025) A moonlighting function of tumoral interleukin-1 β precursor promotes metastasis via RACK1-mediated actin remodeling. Nature communications, 16(1), 10148.

Mizokami H, et al. (2024) Enhancer infestation drives tumorigenic activation of inactive B compartment in Epstein-Barr virus-positive nasopharyngeal carcinoma. EBioMedicine, 102, 105057.

Yang M, et al. (2024) Investigation of the mixed origins of the MGC-803 cell line reveals that it is a hybrid cell line derived from HeLa. Human cell, 37(2), 560.

Xia Z, et al. (2024) EP300 restores the glycolytic activity and anti-tumor function of CD8 $^{+}$ cytotoxic T cells in nasopharyngeal carcinoma. iScience, 27(2), 108957.

Shen L, et al. (2023) CVM-1118 (foslinanib), a 2-phenyl-4-quinolone derivative, promotes apoptosis and inhibits vasculogenic mimicry via targeting TRAP1. Pathology oncology research : POR, 29, 1611038.

Malakoutikhah Z, et al. (2023) The dual role of Nrf2 in melanoma: a systematic review. BMC molecular and cell biology, 24(1), 5.

Wang F, et al. (2023) Mitochondrial non-coding RNA in nasopharyngeal carcinoma: Clinical diagnosis and functional analysis. Frontiers in genetics, 14, 1162332.

Zhou Z, et al. (2023) Genome-scale CRISPR-Cas9 knockout screening in nasopharyngeal carcinoma for radiosensitive and radioresistant genes. Translational oncology, 30, 101625.

Liu Y, et al. (2023) EBV latent membrane protein 1 augments ?? T cell cytotoxicity against nasopharyngeal carcinoma by induction of butyrophilin molecules. Theranostics, 13(2), 458.

Jiang C, et al. (2023) SCAT8/miR-125b-5p axis triggers malignant progression of nasopharyngeal carcinoma through SCARB1. BMC molecular and cell biology, 24(1), 15.

Kamara S, et al. (2023) Novel Bifunctional Affibody Molecules with Specific Binding to Both EBV LMP1 and LMP2 for Targeted Therapy of Nasopharyngeal Carcinoma. International journal of molecular sciences, 24(12).

Deng Y, et al. (2023) STIM1-regulated exosomal EBV-LMP1 empowers endothelial cells with an aggressive phenotype by activating the Akt/ERK pathway in nasopharyngeal carcinoma. Cellular oncology (Dordrecht), 46(4), 987.

Zheng S, et al. (2023) MTSS1 is downregulated in nasopharyngeal carcinoma (NPC) which disrupts adherens junctions leading to enhanced cell migration and invasion. Frontiers in cell and developmental biology, 11, 1275668.

Sun Y, et al. (2022) CircSOX9 acts as a molecular sponge of miR-485-3p to promote the progression of nasopharyngeal carcinoma. Aging, 14(11), 4914.

Tay JK, et al. (2022) The microdissected gene expression landscape of nasopharyngeal cancer reveals vulnerabilities in FGF and noncanonical NF-?B signaling. Science advances, 8(14), eabh2445.

Deng L, et al. (2022) MicroRNA-613 Enhances Nasopharyngeal Carcinoma Cell Radiosensitivity via the DNA Methyltransferase 3B/Tissue Inhibitor of Matrix Metalloproteinase-3/Signal Transducer and Activator of Transcription-1/Forkhead Box O-1 Axis. Disease markers, 2022, 5699275.