

Resource Summary Report

Generated by [RRID](#) on Aug 28, 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 [RRID](#) .

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 γ 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.

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

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.

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.

Chen X, et al. (2022) TTN-AS1 accelerates the growth and migration of nasopharyngeal carcinoma cells via targeting miR-876-5p/NETO2. *Molecular therapy oncolytics*, 24, 535.

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.