

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

Tca8113

RRID:CVCL_6851

Type: Cell Line

Proper Citation

KCB Cat# KCB 93034YJ, RRID:CVCL_6851

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_6851

Proper Citation: KCB Cat# KCB 93034YJ, RRID:CVCL_6851

Description: Cell line Tca8113 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Human papillomavirus-related endocervical adenocarcinoma

Defining Citation: [PMID:3464389](#), [PMID:26116706](#), [PMID:28851942](#)

Comments: Miscellaneous: Formerly the CCRID database had 3 entries describing this cell line (3111C0001CCC000296, 3131C0001000700077, 3142C0001000000067). They were one of the sources for the STR profile of this entry., Population: African American., Problematic cell line: Contaminated. Shown to be a HeLa derivative (PubMed=26116706; PubMed=28851942). Originally thought to originate from a female patient with a tongue squamous cell carcinoma..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: Tca8113

Synonyms: TCA8113, Tca-8113

Cross References: BTO:BTO_0006058, Cosmic:851222, KCB:KCB 93034YJ, Wikidata:Q54971846

ID: CVCL_6851

Vendor: KCB

Catalog Number: KCB 93034YJ

Hierarchy: cvcl_0030

Record Creation Time: 20220427T221621+0000

Record Last Update: 20260815T235940+0000

Ratings and Alerts

No rating or validation information has been found for Tca8113.

Warning: Problematic cell line: Contaminated. Shown to be a HeLa derivative (PubMed=26116706; PubMed=28851942). Originally thought to originate from a female patient with a tongue squamous cell carcinoma.

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00578.

Miscellaneous: Formerly the CCRID database had 3 entries describing this cell line (3111C0001CCC000296, 3131C0001000700077, 3142C0001000000067). They were one of the sources for the STR profile of this entry., Population: African American., Problematic cell line: Contaminated. Shown to be a HeLa derivative (PubMed=26116706; PubMed=28851942). Originally thought to originate from a female patient with a tongue squamous cell carcinoma..

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 139 mentions in open access literature.

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

Yin X, et al. (2023) Polydopamine surface-modified hyperbranched polymeric nanoparticles for synergistic chemo/photothermal therapy of oral cancer. *Frontiers in bioengineering and biotechnology*, 11, 1174014.

Qi M, et al. (2022) In Vivo Metabolic Analysis of the Anticancer Effects of Plasma-Activated Saline in Three Tumor Animal Models. *Biomedicines*, 10(3).

Zhao C, et al. (2022) Self-Powered Electrical Impulse Chemotherapy for Oral Squamous Cell Carcinoma. *Materials (Basel, Switzerland)*, 15(6).

Wang S, et al. (2022) Ailanthone Inhibits Cell Proliferation in Tongue Squamous Cell Carcinoma via PI3K/AKT Pathway. *Evidence-based complementary and alternative medicine : eCAM*, 2022, 3859489.

Jiao W, et al. (2022) Study of Several Alginate-Based Hydrogels for In Vitro 3D Cell Cultures. *Gels* (Basel, Switzerland), 8(3).

Wu Y, et al. (2022) Histone Deacetylase Inhibitor Panobinostat Benefits the Therapeutic Efficacy of Oncolytic Herpes Simplex Virus Combined with PD-1/PD-L1 Blocking in Glioma and Squamous Cell Carcinoma Models. *Viruses*, 14(12).

Tan L, et al. (2022) N6-methyladenosine-associated prognostic pseudogenes contribute to predicting immunotherapy benefits and therapeutic agents in head and neck squamous cell carcinoma. *Theranostics*, 12(17), 7267.

Wang H, et al. (2022) ?-Elemene alleviates cisplatin resistance in oral squamous cell carcinoma cell via inhibiting JAK2/STAT3 pathway in vitro and in vivo. *Cancer cell international*, 22(1), 244.

Shen Y, et al. (2021) miR-34c-5p mediates the cellular malignant behaviors of oral squamous cell carcinoma through targeted binding of TRIM29. *Annals of translational medicine*, 9(20), 1537.

Zhang Y, et al. (2021) Effects of HOX transcript antisense intergenic RNA on the metastasis, epithelial-mesenchymal transition, and Notch signaling pathway in tongue cancer. *Translational cancer research*, 10(1), 520.

Sun X, et al. (2021) MicroRNA-99a-5p suppresses cell proliferation, migration, and invasion by targeting isoprenylcysteine carboxymethyltransferase in oral squamous cell carcinoma. *The Journal of international medical research*, 49(5), 300060520939031.

Li J, et al. (2021) Asiatic Acid Induces Endoplasmic Reticulum Stress and Activates the Grp78/IRE1 α /JNK and Calpain Pathways to Inhibit Tongue Cancer Growth. *Frontiers in pharmacology*, 12, 690612.

Li Y, et al. (2021) RN181 regulates the biological behaviors of oral squamous cell carcinoma cells via mediating ERK/MAPK signaling pathway. *Acta histochemica*, 123(5), 151733.

Xiao L, et al. (2021) miR-3187-3p enhances migration and invasion by targeting PER2 in head and neck squamous cell carcinomas. *Journal of Cancer*, 12(17), 5231.

Shi W, et al. (2021) A new PD-1-specific nanobody enhances the antitumor activity of T-cells in synergy with dendritic cell vaccine. *Cancer letters*, 522, 184.

Chang XS, et al. (2021) MiR-524 suppressed the progression of oral squamous cell carcinoma by suppressing Metadherin and NF- κ B signaling pathway in OSCC cell lines. *Archives of oral biology*, 125, 105090.

Zhang J, et al. (2021) RFC4 promotes the progression and growth of Oral Tongue squamous cell carcinoma in vivo and vitro. *Journal of clinical laboratory analysis*, 35(5), e23761.

Wang X, et al. (2021) Death by histone deacetylase inhibitor quisinostat in tongue squamous cell carcinoma via apoptosis, pyroptosis, and ferroptosis. *Toxicology and applied pharmacology*, 410, 115363.

Zheng BT, et al. (2021) CDH11 Regulates Adhesion and Transcellular Migration of Tongue Squamous Cell Carcinoma. *OncoTargets and therapy*, 14, 4211.

Lv S, et al. (2021) Naa10p and IKK γ interaction regulates EMT in oral squamous cell carcinoma via TGF- β 1/Smad pathway. *Journal of cellular and molecular medicine*, 25(14), 6760.