

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

293TT

RRID:CVCL_1D85

Type: Cell Line

Proper Citation

RRID:CVCL_1D85

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1D85

Proper Citation: RRID:CVCL_1D85

Description: Cell line 293TT is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:14694107](#), [PMID:23843634](#)

Comments: Characteristics: Engineered to overexpress the SV40 large T antigen. Was transfected with a constitutive T-antigen expression plasmid (PubMed=14694107).

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: 293TT

Synonyms: HEK293TT, NCI-293TT

Cross References: ATCC:CRL-3467, NCI-DTP:NCI-293TT, Wikidata:Q54584162

ID: CVCL_1D85

Hierarchy: cvcl_0063

Record Creation Time: 20220427T215045+0000

Record Last Update: 20260905T184303+0000

Ratings and Alerts

No rating or validation information has been found for 293TT.

No alerts have been found for 293TT.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 126 mentions in open access literature.

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

Frost IM, et al. (2026) Membrane repair following filtoporation-induced cell permeabilization. *iScience*, 29(1), 114317.

Massenberg A, et al. (2026) A rapid transfer of virions coated with heparan sulfate from the ECM to CD151 defines an early step in the human papillomavirus infection cascade. *eLife*, 14.

Cecere N, et al. (2026) Lung Cancer Patients Display Increased Expression of Bovine Meat and Milk Factor (BMMF) Proteins in Peritumor Alveolar Macrophages. *International journal of cancer*.

Taylor LJ, et al. (2025) In situ insights into antibody-mediated neutralization of a pre-fusion Junin virus glycoprotein complex. *Cell reports*, 44(7), 115971.

Chong SMY, et al. (2024) Composition of the neutralising antibody response predicts risk of BK virus DNAemia in recipients of kidney transplants. *EBioMedicine*, 110, 105430.

Broussard G, et al. (2023) Barrier-to-autointegration factor 1 promotes gammaherpesvirus reactivation from latency. *Nature communications*, 14(1), 434.

Hejtmánková A, et al. (2023) The role of the DE and EF loop of BKPyV VP1 in the serological cross-reactivity between subtypes. *Virus research*, 324, 199031.

Sorin MN, et al. (2023) Structural and functional analysis of natural capsid variants suggests sialic acid-independent entry of BK polyomavirus. *Cell reports*, 42(2), 112114.

Wen J, et al. (2023) TUBA1A licenses APC/C-mediated mitotic progression to drive glioblastoma growth by inhibiting PLK3. *FEBS letters*, 597(24), 3072.

Nikitina E, et al. (2023) Structural expression of bovine milk and meat factors in tissues of colorectal, lung and pancreatic cancer patients. *International journal of cancer*, 153(1), 173.

Valencia-Reséndiz DG, et al. (2022) Non-Functionalized Gold Nanoparticles Inhibit Human Papillomavirus (HPV) Infection. *International journal of molecular sciences*, 23(14).

Biondo A, et al. (2022) The Process of Filopodia Induction during HPV Infection. *Viruses*, 14(6).

Nicoli F, et al. (2022) Effects of the age of vaccination on the humoral responses to a human papillomavirus vaccine. *NPJ vaccines*, 7(1), 37.

Crite M, et al. (2022) Human Papillomavirus L2 Capsid Protein Stabilizes γ -Secretase during Viral Infection. *Viruses*, 14(4).

Fu X, et al. (2021) A chimeric virus-based probe unambiguously detects live circulating tumor cells with high specificity and sensitivity. *Molecular therapy. Methods & clinical development*, 23, 78.

Whaley RE, et al. (2021) Generation of a cost-effective cell line for support of high-throughput isolation of primary human B cells and monoclonal neutralizing antibodies. *Journal of immunological methods*, 488, 112901.

Huang B, et al. (2021) Potent Neutralizing Humanized Antibody With Topical Therapeutic Potential Against HPV18-Related Cervical Cancer. *Frontiers in immunology*, 12, 678318.

Lee HJ, et al. (2021) Pine Needle Extract Applicable to Topical Treatment for the Prevention of Human Papillomavirus Infection. *Journal of microbiology and biotechnology*, 31(1), 137.

Fu Y, et al. (2021) OX40L blockade cellular nanovesicles for autoimmune diseases therapy. *Journal of controlled release : official journal of the Controlled Release Society*, 337, 557.

Choi H, et al. (2021) The Safe Baculovirus-Based PrM/E DNA Vaccine Protected Fetuses Against Zika Virus in A129 Mice. *Vaccines*, 9(5).