

Resource Summary Report

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

C8166

RRID:CVCL_1099

Type: Cell Line

Proper Citation

RRID:CVCL_1099

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1099

Proper Citation: RRID:CVCL_1099

Description: Cell line C8166 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:6412453](#), [PMID:12920029](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:30894373](#), [PMID:31068700](#)

Comments: Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: C8166

Synonyms: C8166-CD4

Cross References: CLO:CLO_0002149, CLDB:cl589, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-3610, BioSample:SAMN10989599, cancercellines:CVCL_1099, Cell_Model_Passport:SIDM00072, ChEMBL-Cells:ChEMBL3307638, ChEMBL-Targets:ChEMBL614533, Cosmic:906829, DepMap:ACH-000206, ECACC:88051601, EGA:EGAS00001000978, GEO:GSM827337, GEO:GSM1669640, IARC_TP53:21206, KCB:KCB_94019YJ, LINCS_LDP:LCL-1011, Pharmacodb:C8166_157_2019, Progenetix:CVCL_1099, PubChem_Cell_line:CVCL_1099, Wikidata:Q54808257

ID: CVCL_1099

Record Creation Time: 20220427T215435+0000

Ratings and Alerts

No rating or validation information has been found for C8166.

No alerts have been found for C8166.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 184 mentions in open access literature.

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

Köppke J, et al. (2024) Direct translation of incoming retroviral genomes. Nature communications, 15(1), 299.

Karadeniz F, et al. (2023) In Vitro Anti-HIV-1 Activity of Chitosan Oligomers N-Conjugated with Asparagine and Glutamine. Biotech (Basel (Switzerland)), 12(1).

Hu Y, et al. (2022) In Vitro Selection and Characterization of HIV-1 Variants with Increased Resistance to LP-40, Enfuvirtide-Based Lipopeptide Inhibitor. International journal of molecular sciences, 23(12).

Huang XS, et al. (2022) Bromodomain and Extra-Terminal Inhibitor BMS-986158 Reverses Latent HIV-1 Infection In Vitro and Ex Vivo by Increasing CDK9 Phosphorylation and Recruitment. Pharmaceuticals (Basel, Switzerland), 15(3).

Chronopoulou L, et al. (2022) siRNA Transfection Mediated by Chitosan Microparticles for the Treatment of HIV-1 Infection of Human Cell Lines. Materials (Basel, Switzerland), 15(15).

Kang D, et al. (2022) Structure-Based Discovery and Characterization of a Preclinical Drug Candidate for the Treatment of HIV-1 Infection. Viruses, 14(11).

Xue J, et al. (2022) Efficient treatment and pre-exposure prophylaxis in rhesus macaques by an HIV fusion-inhibitory lipopeptide. Cell, 185(1), 131.

Herrera C, et al. (2022) The ex vivo pharmacology of HIV-1 antiretrovirals differs between macaques and humans. iScience, 25(6), 104409.

Anjam-Najmedini A, et al. (2022) Apoptin Overexpression Efficiently Amplified Cytotoxic Effects of PI3K Inhibition Using BKM120 in Lymphoblastic Leukemia Cell Lines. Advanced pharmaceutical bulletin, 12(3), 613.

Washizaki A, et al. (2021) The Novel PKC Activator 10-Methyl-Aplog-1 Combined with JQ1 Induced Strong and Synergistic HIV Reactivation with Tolerable Global T Cell Activation. *Viruses*, 13(10).

Ao Z, et al. (2021) Development and Evaluation of an Ebola Virus Glycoprotein Mucin-Like Domain Replacement System as a New Dendritic Cell-Targeting Vaccine Approach against HIV-1. *Journal of virology*, 95(15), e0236820.

Griffante G, et al. (2021) Human cytomegalovirus-induced host protein citrullination is crucial for viral replication. *Nature communications*, 12(1), 3910.

Luo MT, et al. (2021) Tree Shrew Cells Transduced with Human CD4 and CCR5 Support Early Steps of HIV-1 Replication, but Viral Infectivity Is Restricted by APOBEC3. *Journal of virology*, 95(16), e0002021.

Khazeei Tabari MA, et al. (2021) Flavonoids as Promising Antiviral Agents against SARS-CoV-2 Infection: A Mechanistic Review. *Molecules (Basel, Switzerland)*, 26(13).

White AD, et al. (2021) TB and SIV Coinfection; a Model for Evaluating Vaccine Strategies against TB Reactivation in Asian Origin Cynomolgus Macaques: A Pilot Study Using BCG Vaccination. *Vaccines*, 9(9).

Li H, et al. (2020) Preclinical Development and Clinical-Scale Manufacturing of HIV Gag-Specific, LentivirusModified CD4 T Cells for HIV Functional Cure. *Molecular therapy. Methods & clinical development*, 17, 1048.

Tan CJ, et al. (2020) Daphnane Diterpenoids from *Trigonostemon liliifolius* and Inhibition Activities Against HIV-1. *Natural products and bioprospecting*, 10(1), 37.

Valkama AJ, et al. (2020) Development of Large-Scale Downstream Processing for Lentiviral Vectors. *Molecular therapy. Methods & clinical development*, 17, 717.

Irwan ID, et al. (2020) Reversal of Epigenetic Silencing Allows Robust HIV-1 Replication in the Absence of Integrase Function. *mBio*, 11(3).

Tavakoli-Tameh A, et al. (2020) Loss of tetherin antagonism by Nef impairs SIV replication during acute infection of rhesus macaques. *PLoS pathogens*, 16(4), e1008487.