

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

CV-1

RRID:CVCL_0229

Type: Cell Line

Proper Citation

CLS Cat# 601470, RRID:CVCL_0229

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0229

Proper Citation: CLS Cat# 601470, RRID:CVCL_0229

Description: Cell line CV-1 is a Finite cell line with a species of origin Chlorocebus aethiops (Green monkey)

Sex: Male

Defining Citation: [PMID:14192657](#), [PMID:16494729](#), [PMID:22059503](#), [PMID:28046048](#), [PMID:28203643](#), [PMID:34737324](#)

Comments: Virology: Susceptible to infection by SARS coronavirus (SARS-CoV) (PubMed=16494729)., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Non-human primate cell line.

Category: Finite cell line

Organism: Chlorocebus aethiops (Green monkey)

Name: CV-1

Synonyms: Cv-1, CV 1, CV-1.K, CV1

Cross References: BTO:BTO_0000318, CLO:CLO_0002640, CLO:CLO_0050506, EFO:EFO_0022733, MCCL:MCC:0000117, CLDB:cl928, CLDB:cl929, CLDB:cl931, CLDB:cl932, CLDB:cl933, ATCC:CCL-70, ATCC:CRL-6305, BCRC:60065, CCLV:CCLV-RIE 0185, CCRID:1101MON-PUMC000064, CCRID:1102MON-NIFDC00020, CCRID:3101MONGNO11, ChEMBL-Cells:ChEMBL3308033, ChEMBL-Targets:ChEMBL613507, CLS:601470, ECACC:87032605, IZSLER:BS CL 23, JCRB:JCRB9049, KCLB:10070, Lonza:255, PubChem_Cell_line:CVCL_0229, RCB:RCB0160, TKG:TKG 0327, TOKU-E:1008, Wikidata:Q54814868

ID: CVCL_0229

Vendor: CLS

Catalog Number: 601470

Record Creation Time: 20250130T070757+0000

Record Last Update: 20260816T001323+0000

Ratings and Alerts

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

Warning: Discontinued: ATCC; CRL-6305

Virology: Susceptible to infection by SARS coronavirus (SARS-CoV)

(PubMed=16494729)., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Non-human primate cell line.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 422 mentions in open access literature.

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

de Mattos K, et al. (2025) Identification of MEF2A, MEF2C, and MEF2D interactomes in basal and Fsk-stimulated mouse MA-10 Leydig cells. Andrology.

Wang X, et al. (2025) Cytoplasmic PXR regulates glucose metabolism by binding mRNAs and modulating their stability. Nature structural & molecular biology.

Rentsch J, et al. (2024) Sub-membrane actin rings compartmentalize the plasma membrane. The Journal of cell biology, 223(4).

Narayanan A, et al. (2024) A novel ITGB8 transcript variant sustains ovarian cancer cell survival through genomic instability and altered ploidy on a mutant p53 background. Journal of ovarian research, 17(1), 218.

Hu QY, et al. (2023) Nur77 Serves as a Potential Prognostic Biomarker That Correlates with Immune Infiltration and May Act as a Good Target for Prostate adenocarcinoma. Molecules (Basel, Switzerland), 28(3).

Lin S, et al. (2023) Discovery of a novel, liver-targeted thyroid hormone receptor-? agonist, CS271011, in the treatment of lipid metabolism disorders. Frontiers in endocrinology, 14, 1109615.

Huang S, et al. (2023) CS27109, A Selective Thyroid Hormone Receptor-? Agonist Alleviates Metabolic-Associated Fatty Liver Disease in Murine Models. International

journal of endocrinology, 2023, 4950597.

Lochmanová A, et al. (2023) Comparison of Two Commercially Available Interferon- γ Release Assays for T-Cell-Mediated Immunity and Evaluation of Humoral Immunity against SARS-CoV-2 in Healthcare Workers. *Diagnostics* (Basel, Switzerland), 13(4).

Yang A, et al. (2023) Development of the oncolytic virus, CF33, and its derivatives for peritoneal-directed treatment of gastric cancer peritoneal metastases. *Journal for immunotherapy of cancer*, 11(4).

Varudkar N, et al. (2023) Delivery of a novel membrane-anchored Fc chimera enhances NK cell-mediated killing of tumor cells and persistently virus-infected cells. *PloS one*, 18(5), e0285532.

Kakuk B, et al. (2023) In-depth Temporal Transcriptome Profiling of Monkeypox and Host Cells using Nanopore Sequencing. *Scientific data*, 10(1), 262.

Yazawa T, et al. (2023) Comparison of Placental HSD17B1 Expression and Its Regulation in Various Mammalian Species. *Animals : an open access journal from MDPI*, 13(4).

Ottolino-Perry K, et al. (2023) Vaccinia virus and peptide-receptor radiotherapy synergize to improve treatment of peritoneal carcinomatosis. *Molecular therapy oncolytics*, 29, 44.

Pierre KJ, et al. (2022) Differential Response of Transcription Factors to Activated Kinases in Steroidogenic and Non-Steroidogenic Cells. *International journal of molecular sciences*, 23(21).

Yang F, et al. (2022) The Multiplicity of Infection of Recombinant Vaccinia Virus Expressing the T7 RNA Polymerase Determines the Rescue Efficiency of Vesicular Stomatitis Virus. *Frontiers in microbiology*, 13, 846426.

Smetanova J, et al. (2022) Immunogenicity and safety of the booster BNT162b2 vaccine in patients with axial spondyloarthritis treated with biological disease-modifying drugs. *Frontiers in immunology*, 13, 1010808.

Chaurasiya S, et al. (2022) A comprehensive preclinical study supporting clinical trial of oncolytic chimeric poxvirus CF33-hNIS-anti-PD-L1 to treat breast cancer. *Molecular therapy. Methods & clinical development*, 24, 102.

Kim MJ, et al. (2022) Protective Immunity Induced by Immunization with Baculovirus, Virus-like Particle, and Vaccinia Virus Expressing the AMA1 of *Plasmodium berghei*. *Biomedicines*, 10(9).

Talbot-Cooper C, et al. (2022) Poxviruses and paramyxoviruses use a conserved mechanism of STAT1 antagonism to inhibit interferon signaling. *Cell host & microbe*, 30(3), 357.

Nguyen DH, et al. (2022) Development of Allogeneic Stem Cell-Based Platform for Delivery and Potentiation of Oncolytic Virotherapy. *Cancers*, 14(24).