

Resource Summary Report

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

C6/36

RRID:CVCL_Z230

Type: Cell Line

Proper Citation

JCRB Cat# IFO50010, RRID:CVCL_Z230

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_Z230

Proper Citation: JCRB Cat# IFO50010, RRID:CVCL_Z230

Description: Cell line C6/36 is a Spontaneously immortalized cell line with a species of origin *Aedes albopictus* (Asian tiger mosquito)

Sex: Sex unspecified

Defining Citation: [PMID:690610](#), [PMID:2563994](#), [PMID:2861916](#), [PMID:3392770](#), [PMID:3611315](#), [PMID:3951024](#), [PMID:6126429](#), [PMID:6137452](#), [PMID:19951376](#), [PMID:20976219](#), [PMID:28404849](#), [PMID:29329394](#), [PMID:29973702](#), [PMID:33389257](#)

Comments: Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Virology: Supports replication of Sindbis virus (PubMed=3392770; PubMed=3951024)., Virology: Used for detection, propagation and analysis of mosquito-borne viruses., Group: Insect cell line.

Category: Spontaneously immortalized cell line

Organism: *Aedes albopictus* (Asian tiger mosquito)

Name: C6/36

Synonyms: Clone C6/36, *Aedes albopictus* clone C6/36, ATC-15(C6/36), AAL-C6/36, C6-36, SAAR-C6/36

Cross References: BTO:BTO_0005452, CLO:CLO_0001672, CLO:CLO_0002506, CLDB:cl799, ATCC:CRL-1660, BCRC:60114, BCRJ:0343, CCRID:4201INC-CCTCC00125, CCRID:5301INS-KCB82002YJ, CCTCC:GDC0125, ECACC:89051705, IZSLER:BS CL 219, JCRB:IFO50010, KCB:KCB 82002YJ, NCBI_Iran:C612, PRIDE:PXD004727, Wikidata:Q54808220

ID: CVCL_Z230

Vendor: JCRB

Catalog Number: IFO50010

Hierarchy: cvcl_z223

Record Creation Time: 20220427T215435+0000

Record Last Update: 20260905T174504+0000

Ratings and Alerts

No rating or validation information has been found for C6/36.

No alerts have been found for C6/36.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 856 mentions in open access literature.

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

Xiao Y, et al. (2026) RNAi Regulator C3PO Promotes Arbovirus Infection in Insect Vectors. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(4), e15869.

Ren T, et al. (2026) Defining the impact of Getah virus envelope protein glycosylation site mutations on viral replication, host adaptation, virulence, and immune evasion. *PLoS pathogens*, 22(4), e1014126.

Mizuno N, et al. (2026) Characterization of a transmembrane-activating STING agonist using genetically humanized mice. *Cell reports*, 45(6), 117475.

Li L, et al. (2026) Viral protease-initiated lytic cell death as a universal antiviral mRNA therapy. *Cell*.

Kassegn TA, et al. (2026) NAD⁺ Homeostasis Attenuates Japanese Encephalitis Virus Infection Progression. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(4), e71526.

Perez-Restrepo LS, et al. (2025) Protocol for detection of Oropouche viruses from human serum. *STAR protocols*, 6(2), 103805.

Alfaro-Garc??a JP, et al. (2025) Characterization of the Temporal Dynamics of the Endothelial-Mesenchymal-like Transition Induced by Soluble Factors from Dengue Virus Infection in Microvascular Endothelial Cells. *International journal of molecular sciences*, 26(5).

Hu X, et al. (2025) Multifunctional Docetaxel Cholesterol-Polyethylene Glycol Co-Modified Poly (N-Butyl) Cyanoacrylate Nanoparticles for Brain Tumor Therapy. *Drug development research*, 86(2), e70069.

Kitab B, et al. (2025) Ribonucleotide reductase subunit M2 mediates the mTOR pathway to recruit furin endoprotease and promote maturation of dengue virus. *iScience*, 28(12), 113998.

Wang X, et al. (2025) DENV-2 3'UTR dumbbell structure is a critical factor for viral infection and dissemination in *Aedes* mosquito. *Journal of virology*, 99(8), e0075825.

Choo YY, et al. (2025) Comparison of human cerebral organoids infected with wild-type Zika versus attenuated DN-2 virus strains uncovers differences in host immune responses. *Cell communication and signaling : CCS*, 24(1), 36.

Verhaegen M, et al. (2025) Sec61 translocon inhibitor flavitransin blocks selectively dengue virus polyprotein insertion in the ER with pan-orthoflavivirus antiviral potency. *Cell reports*, 44(12), 116642.

Walter Z, et al. (2025) An integrated proteomics approach identifies phosphorylation sites on viral and host proteins that regulate West Nile virus infection. *Cell reports*, 44(5), 115728.

Roa-Linares VC, et al. (2025) Broad-spectrum antiviral ferruginol analog affects the viral proteins translation and actin remodeling during dengue virus infection. *Antiviral research*, 237, 106139.

Soto-Garita C, et al. (2025) Fc γ RIIIA -activating antibodies in dengue virus infection reveals a distinct transient cross-reactive profile. *Frontiers in immunology*, 16, 1662138.

Suzuki T, et al. (2025) Selective TLR ligand stimulation enhances in vivo mosquito-borne flavivirus pathogenicity. *Cell reports*, 44(9), 116210.

Abdelbasset M, et al. (2024) Differential contributions of fetal mononuclear phagocytes to Zika virus neuroinvasion versus neuroprotection during congenital infection. *Cell*, 187(26), 7511.

Porier DL, et al. (2024) Humoral and T-cell-mediated responses to an insect-specific flavivirus-based Zika virus vaccine candidate. *PLoS pathogens*, 20(10), e1012566.

Penzes JJ, et al. (2024) Cryo-EM-based discovery of a pathogenic parvovirus causing epidemic mortality by black wasting disease in farmed beetles. *Cell*, 187(20), 5604.

Brown E, et al. (2024) Inhibitors of the small membrane (M) protein viroporin prevent Zika virus infection. *eLife*, 13.