Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 7, 2024

C6/36

RRID:CVCL_Z230
Type: Cell Line

Proper Citation

(ECACC Cat# 89051705, RRID:CVCL_Z230)

Cell Line Information

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

Proper Citation: (ECACC Cat# 89051705, 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:3611315, PMID:6126429, PMID:6137452, PMID:19951376, PMID:20976219, PMID:28404849, PMID:29329394, PMID:29973702, PMID:33389257

Comments: Omics: Genome sequenced., Omics: Deep quantitative proteome analysis., Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., 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: ECACC

Catalog Number: 89051705

Hierarchy: CVCL_Z223

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 834 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Shrivastava G, et al. (2024) Aedes aegypti saliva modulates inflammasome activation and facilitates flavivirus infection in vitro. iScience, 27(1), 108620.

Holmes AC, et al. (2024) Ly6C+ monocytes in the skin promote systemic alphavirus dissemination. Cell reports, 43(3), 113876.

Joseph RE, et al. (2023) Eilat virus (EILV) causes superinfection exclusion against West NILE virus (WNV) in a strain specific manner in Culex tarsalis mosquitoes. bioRxiv : the preprint server for biology.

Wilken L, et al. (2023) Transient Blockade of Type I Interferon Signalling Promotes Replication of Dengue Virus Strain D2Y98P in Adult Wild-Type Mice. Viruses, 15(4).

Nonyong P, et al. (2023) Intrahost Genetic Diversity of Dengue Virus in Human Hosts and Mosquito Vectors under Natural Conditions Which Impact Replicative Fitness In Vitro. Viruses, 15(4).

Loeanurit N, et al. (2023) Lichen-Derived Diffractaic Acid Inhibited Dengue Virus Replication in a Cell-Based System. Molecules (Basel, Switzerland), 28(3).

Bui M, et al. (2023) CRISPR mediated transactivation in the human disease vector Aedes aegypti. PLoS pathogens, 19(1), e1010842.

Carvalho DO, et al. (2023) Transgene-induced cell death following dengue-2 virus infection in Aedes aegypti. Scientific reports, 13(1), 5958.

Yi B, et al. (2023) Antiviral Activity of Catechin against Dengue Virus Infection. Viruses, 15(6).

Ayusso GM, et al. (2023) The Dimeric Peptide (KKYRYHLKPF)2K Shows Broad-Spectrum Antiviral Activity by Inhibiting Different Steps of Chikungunya and Zika Virus Infection. Viruses, 15(5).

Sun B, et al. (2023) Viral intra-host evolutionary dynamics revealed via serial passage of Japanese encephalitis virus in vitro. Virus evolution, 9(1), veac103.

Mandova T, et al. (2023) Identification of Potential Antiviral Hops Compounds against Chikungunya Virus. International journal of molecular sciences, 24(4).

Lin HC, et al. (2023) Development of a Novel Chikungunya Virus-Like Replicon Particle for Rapid Quantification and Screening of Neutralizing Antibodies and Antivirals. Microbiology spectrum, 11(2), e0485422.

Constant O, et al. (2023) Differential effects of Usutu and West Nile viruses on neuroinflammation, immune cell recruitment and blood-brain barrier integrity. Emerging microbes & infections, 12(1), 2156815.

Crivei LA, et al. (2023) Detection of West Nile Virus Lineage 2 in Eastern Romania and First Identification of Sindbis Virus RNA in Mosquitoes Analyzed using High-Throughput Microfluidic Real-Time PCR. Viruses, 15(1).

Phumesin P, et al. (2023) Cepharanthine inhibits dengue virus production and cytokine secretion. Virus research, 325, 199030.

Terradas G, et al. (2023) Temperature affects viral kinetics and vectorial capacity of Aedes aegypti mosquitoes co-infected with Mayaro and Dengue viruses. bioRxiv : the preprint server for biology.

Jaiswal V, et al. (2023) Validation of CRISPR activation system in Aedes cells using multicistronic plasmid vectors. Frontiers in bioengineering and biotechnology, 11, 1142415.

Thomas J, et al. (2023) Monodelphis domestica as a Fetal Intra-Cerebral Inoculation Model for Zika Virus Pathogenesis. Pathogens (Basel, Switzerland), 12(5).

Powers JM, et al. (2023) Infection with chikungunya virus confers heterotypic cross-neutralizing antibodies and memory B-cells against other arthritogenic alphaviruses predominantly through the B domain of the E2 glycoprotein. PLoS neglected tropical diseases, 17(3), e0011154.