Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 19, 2024

COS-1

RRID:CVCL_0223
Type: Cell Line

Proper Citation

(ECACC Cat# 88031701, RRID:CVCL_0223)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0223

Proper Citation: (ECACC Cat# 88031701, RRID:CVCL_0223)

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

Sex: Male

Defining Citation: PMID:6260373, PMID:34737324

Comments: Derived from sampling site: Kidney., Transformant: NCBI_TaxID; 1891767; Simian virus 40 (SV40) [pSV6-1]., Doubling time: ~48 hours (DSMZ=ACC-63)., Group: Non-human primate cell line.

Category: Transformed cell line

Organism: Chlorocebus aethiops (Green monkey)

Name: COS-1

Synonyms: Cos-1, COS 1, Cos 1, COS1, Cos1, CV-1 in Origin Simian-1

Cross References: BTO:BTO:0001538, CLO:CLO_0002596, CLO:CLO_0050514, MCCL:MCC:0000111, CLDB:cl886, CLDB:cl887, CLDB:cl888, CLDB:cl889, CLDB:cl7122, AddexBio:T0014001/34, ATCC:CRL-1650, BCRC:60002, BCRJ:0070, CCRID:1101MON-PUMC000157, CCRID:3101MONGNO28, CCRID:5301MON-KCB93018YJ, ChEMBL-Cells:CHEMBL3308351, ChEMBL-Targets:CHEMBL614563, CLS:305005, DSMZ:ACC-63, DSMZCellDive:ACC-63, ECACC:88031701, ICLC:ATL01002, IZSLER:BS CL 95, JCRB:JCRB9082, KCB:KCB 93018YJ, KCLB:21650, Lonza:722, MeSH:D019556,

NCBI_Iran:C518, PubChem_Cell_line:CVCL_0223, RCB:RCB0143, TOKU-E:992, Wikidata:Q27556079

ID: CVCL_0223

Vendor: ECACC

Catalog Number: 88031701

Hierarchy: CVCL_0229

Ratings and Alerts

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

No alerts have been found for COS-1.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 953 mentions in open access literature.

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

Wang J, et al. (2024) Cholinergic signaling via muscarinic M1 receptor confers resistance to docetaxel in prostate cancer. Cell reports. Medicine, 5(2), 101388.

Formanski JP, et al. (2024) Transduction Efficiency of Zika Virus E Protein Pseudotyped HIV-1gfp and Its Oncolytic Activity Tested in Primary Glioblastoma Cell Cultures. Cancers, 16(4).

Okano F, et al. (2023) Identification of Membrane-expressed CAPRIN-1 as a Novel and Universal Cancer Target, and Generation of a Therapeutic Anti-CAPRIN-1 Antibody TRK-950. Cancer research communications, 3(4), 640.

Grunwald V, et al. (2023) Development of Zika Virus E Variants for Pseudotyping Retroviral Vectors Targeting Glioblastoma Cells. International journal of molecular sciences, 24(19).

Arystarkhova E, et al. (2023) Temperature instability of a mutation at a multidomain junction in Na,K-ATPase isoform ATP1A3 (p.Arg756His) produces a fever-induced neurological syndrome. The Journal of biological chemistry, 299(1), 102758.

Tannous S, et al. (2023) Interaction between the ?-glucosidases, sucrase-isomaltase and maltase-glucoamylase, in human intestinal brush border membranes and its potential impact on disaccharide digestion. Frontiers in molecular biosciences, 10, 1160860.

Alvik K, et al. (2023) Increased sensitivity to chemically induced colitis in mice harboring a DNA-binding deficient aryl hydrocarbon receptor. Toxicological sciences : an official journal of the Society of Toxicology, 191(2), 321.

Anbazhagan R, et al. (2023) miRNA Expression Profiles of Mouse Round Spermatids in GRTH/DDX25-Mediated Spermiogenesis: mRNA-miRNA Network Analysis. Cells, 12(5).

Paz-Trejo C, et al. (2023) Nanotechnology in agriculture: a review of genotoxic studies of nanopesticides in animal cells. Environmental science and pollution research international, 30(25), 66473.

Yap YT, et al. (2023) DNALI1 interacts with the MEIG1/PACRG complex within the manchette and is required for proper sperm flagellum assembly in mice. eLife, 12.

Wu CG, et al. (2023) Extended regulation interface coupled to the allosteric network and disease mutations in the PP2A-B56? holoenzyme. bioRxiv : the preprint server for biology.

Jami S, et al. (2023) Pain-causing stinging nettle toxins target TMEM233 to modulate NaV1.7 function. Nature communications, 14(1), 2442.

Li H, et al. (2023) Defective BVES-mediated feedback control of cAMP in muscular dystrophy. Nature communications, 14(1), 1785.

Constantin TA, et al. (2023) The CDK7 inhibitor CT7001 (Samuraciclib) targets proliferation pathways to inhibit advanced prostate cancer. British journal of cancer, 128(12), 2326.

Mejdrová I, et al. (2023) Discovery of Novel Human Constitutive Androstane Receptor Agonists with the Imidazo[1,2-a]pyridine Structure. Journal of medicinal chemistry, 66(4), 2422.

Zhuo Y, et al. (2023) Proximity Labeling to Identify ?-Arrestin1 Binding Partners Downstream of Ligand-Activated G Protein-Coupled Receptors. International journal of molecular sciences, 24(4).

Alejo A, et al. (2023) African swine fever virus transmembrane protein pEP84R guides core assembly. PLoS pathogens, 19(1), e1011136.

Norris ML, et al. (2023) Localization of Kif1c mRNA to cell protrusions dictates binding partner specificity of the encoded protein. Genes & development, 37(5-6), 191.

Frederick K, et al. (2023) Luteolin protects DYT-PRKRA cells from apoptosis by suppressing PKR activation. Frontiers in pharmacology, 14, 1118725.

Páscoa I, et al. (2023) A Multiplex Molecular Cell-Based Sensor to Detect Ligands of PPARs: An Optimized Tool for Drug Discovery in Cyanobacteria. Sensors (Basel, Switzerland), 23(3).