Resource Summary Report

Generated by dkNET on May 29, 2025

Huh-7.5

RRID:CVCL_7927
Type: Cell Line

Proper Citation

(RRID:CVCL_7927)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_7927

Proper Citation: (RRID:CVCL_7927)

Sex: Male

Defining Citation: PMID:12438626, PMID:15708988, PMID:17079281, PMID:17552027, PMID:25768906, PMID:27929099, PMID:29468137, PMID:30504788

Comments: Virology: Highly susceptible to infection by Zika virus (ZIKV) (PubMed=29468137)., Virology: Highly permissive for hepatitis C virus (HCV) replication., Population: Japanese., Part of: ENCODE project common cell types; tier 3.

Category: Cancer cell line

Name: Huh-7.5

Synonyms: Huh 7.5, Huh7.5

Cross References: BTO:BTO_0004126, EFO:EFO_0005704, BioGRID_ORCS_Cell_line:1220, cancercelllines:CVCL_7927, ENCODE:ENCBS227AAA, GEO:GSM816671, GEO:GSM2247740, GEO:GSM2247741, GEO:GSM2247742, Lonza:1432, PRIDE:PXD006386, Wikidata:Q54896856

ID: CVCL_7927

Record Creation Time: 20220427T220622+0000

Record Last Update: 20250525T110710+0000

Ratings and Alerts

No rating or validation information has been found for Huh-7.5.

No alerts have been found for Huh-7.5.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 1046 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Mazeaud C, et al. (2024) Zika virus remodels and hijacks IGF2BP2 ribonucleoprotein complex to promote viral replication organelle biogenesis. eLife, 13.

Khalfi P, et al. (2024) Comparative analysis of human, rodent and snake deltavirus replication. PLoS pathogens, 20(3), e1012060.

Sama B, et al. (2024) The effects of Remdesivir's functional groups on its antiviral potency and resistance against the SARS-CoV-2 polymerase. Antiviral research, 232, 106034.

Lin S, et al. (2023) Hepatitis E Virus: Isolation, Propagation, and Quantification. Current protocols, 3(1), e642.

Chen DY, et al. (2023) Cell culture systems for isolation of SARS-CoV-2 clinical isolates and generation of recombinant virus. iScience, 26(5), 106634.

Zhou S, et al. (2023) Conessine inhibits enveloped viruses replication through up-regulating cholesterol level. Virus research, 338, 199234.

Lee JD, et al. (2023) Differences in syncytia formation by SARS-CoV-2 variants modify host chromatin accessibility and cellular senescence via TP53. Cell reports, 42(12), 113478.

Patitucci C, et al. (2023) Mtfp1 ablation enhances mitochondrial respiration and protects against hepatic steatosis. Nature communications, 14(1), 8474.

Alzua GP, et al. (2023) Identification of novel neutralizing determinants for protection against HCV. Hepatology (Baltimore, Md.), 77(3), 982.

Alzua GP, et al. (2023) Inactivated genotype 1a, 2a and 3a HCV vaccine candidates induced broadly neutralising antibodies in mice. Gut, 72(3), 560.

Islam KU, et al. (2023) Global Lipidome Profiling Revealed Multifaceted Role of Lipid

Species in Hepatitis C Virus Replication, Assembly, and Host Antiviral Response. Viruses, 15(2).

Ivanova ON, et al. (2023) Transcriptome Analysis of Redox Systems and Polyamine Metabolic Pathway in Hepatoma and Non-Tumor Hepatocyte-like Cells. Biomolecules, 13(4).

Chida T, et al. (2023) Persistent hepatic IFN system activation in HBV-HDV infection determines viral replication dynamics and therapeutic response. JCI insight, 8(9).

Yu Y, et al. (2023) An RNA-based system to study hepatitis B virus replication and evaluate antivirals. Science advances, 9(15), eadg6265.

Carlin AF, et al. (2023) 1-O-Octadecyl-2-O-benzyl-sn-glyceryl-3-phospho-GS-441524 (V2043). Evaluation of Oral V2043 in a Mouse Model of SARS-CoV-2 Infection and Synthesis and Antiviral Evaluation of Additional Phospholipid Esters with Enhanced Anti-SARS-CoV-2 Activity. Journal of medicinal chemistry, 66(8), 5802.

Ahmed MS, et al. (2023) FDA approved drugs with antiviral activity against SARS-CoV-2: From structure-based repurposing to host-specific mechanisms. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 162, 114614.

Alotaibi F, et al. (2023) Type I interferon autoantibodies in hospitalized patients with Middle East respiratory syndrome and association with outcomes and treatment effect of interferon beta-1b in MIRACLE clinical trial. Influenza and other respiratory viruses, 17(3), e13116.

Tavares RCA, et al. (2023) MRT-ModSeq - Rapid detection of RNA modifications with MarathonRT. bioRxiv : the preprint server for biology.

Sekrecka A, et al. (2023) Time-dependent recruitment of GAF, ISGF3 and IRF1 complexes shapes IFN? and IFN?-activated transcriptional responses and explains mechanistic and functional overlap. Cellular and molecular life sciences : CMLS, 80(7), 187.

Li H, et al. (2023) Regulation of PKR-dependent RNA translation inhibition by TRIM21 upon virus infection or other stress. PLoS pathogens, 19(6), e1011443.