

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

Hepa-1c1c7

RRID:CVCL_0328

Type: Cell Line

Proper Citation

RRID:CVCL_0328

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0328

Proper Citation: RRID:CVCL_0328

Description: Cell line Hepa-1c1c7 is a Cancer cell line with a species of origin Mus musculus (Mouse)

Sex: Female

Disease: Hepatocellular carcinoma of the mouse

Defining Citation: [PMID:106390](#), [PMID:4362668](#), [PMID:6300048](#), [PMID:7462248](#), [PMID:18959748](#), [PMID:31220119](#)

Category: Cancer cell line

Organism: Mus musculus (Mouse)

Name: Hepa-1c1c7

Synonyms: Hepa 1c1c7, Hepa1c1c7, Hepa 1-clc7

Cross References: BTO:BTO_0002894, CLO:CLO_0003712, MCCL:MCC:0000224, CLDB:cl1660, CLDB:cl1661, CLDB:cl4932, ATCC:CRL-2026, BCRC:60104, BCRJ:0102, BioSample:SAMN11397638, ECACC:95090613, ICLC:ATL98016, KCLB:22026, Lonza:1224, Wikidata:Q54882812

ID: CVCL_0328

Hierarchy: cvcl_s550

Record Creation Time: 20220427T220334+0000

Record Last Update: 20260905T180249+0000

Ratings and Alerts

No rating or validation information has been found for Hepa-1c1c7.

No alerts have been found for Hepa-1c1c7.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 191 mentions in open access literature.

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

Wang M, et al. (2026) Elemene Augments the Effects of Anti-PD-1 Immunotherapy on Hepatocellular Carcinoma by Regulating the miR-130a-5p/SPP/MHC-I Axis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(11), e11887.

Wang XR, et al. (2025) Inhaling Eugenol Inhibits NAFLD by Activating the Hepatic Ectopic Olfactory Receptor Olfr544 and Modulating the Gut Microbiota. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e10321.

Onuma K, et al. (2024) Bardoxolone methyl prevents metabolic dysfunction-associated steatohepatitis by inhibiting macrophage infiltration. British journal of pharmacology, 181(15), 2545.

Woo MS, et al. (2024) E2F3a activates Gadd45b gene expression through PPAR?-mediated transcriptional regulation in hepatic cells. Molecules and cells, 47(12), 100148.

Nishizawa H, et al. (2024) BACH1 inhibits senescence, obesity, and short lifespan by ferroptotic FGF21 secretion. Cell reports, 43(7), 114403.

Tena Pérez V, et al. (2023) Isolation of Nocuolin A and Synthesis of New Oxadiazine Derivatives. Design, Synthesis, Molecular Docking, Apoptotic Evaluation, and Cathepsin B Inhibition. Marine drugs, 21(5).

Supolikova M, et al. (2023) Murine herpesvirus-68-related growth factors treatment correlates with decrease of p53 and HIF-1? protein levels. Pathogens and disease, 81.

Mak KK, et al. (2023) Synthesis of New Shogaol Analogues as NRF2 Activators and Evaluation of Their Anti-Inflammatory Activity, Modes of Action and Metabolic Stability. Antioxidants (Basel, Switzerland), 12(2).

Wu H, et al. (2023) Cycloartenyl Ferulate Is the Predominant Compound in Brown Rice Conferring Cytoprotective Potential against Oxidative Stress-Induced Cytotoxicity. International journal of molecular sciences, 24(1).

- Ondrová K, et al. (2023) Monoterpenoid aryl hydrocarbon receptor allosteric antagonists protect against ultraviolet skin damage in female mice. *Nature communications*, 14(1), 2728.
- Nguyen PT, et al. (2023) Ethyl Caffeate Can Inhibit Aryl Hydrocarbon Receptor (AhR) Signaling and AhR-Mediated Potentiation of Mast Cell Activation. *International journal of molecular sciences*, 24(12).
- Gonzalez-Sandoval A, et al. (2023) The AAV capsid can influence the epigenetic marking of rAAV delivered episomal genomes in a species dependent manner. *Nature communications*, 14(1), 2448.
- Alam MM, et al. (2023) Contribution of NRF2 to sulfur metabolism and mitochondrial activity. *Redox biology*, 60, 102624.
- Ma L, et al. (2023) Role of circadian clock in the chronoefficacy and chronotoxicity of clopidogrel. *British journal of pharmacology*, 180(23), 2973.
- Shahraz A, et al. (2022) Low molecular weight polysialic acid binds to properdin and reduces the activity of the alternative complement pathway. *Scientific reports*, 12(1), 5818.
- Wei KL, et al. (2022) Sorafenib is an antagonist of the aryl hydrocarbon receptor. *Toxicology*, 470, 153118.
- Mak KK, et al. (2022) Synthesis and Anti-Inflammatory Activity of 2-Amino-4,5,6,7-tetrahydrobenzo[b]thiophene-Derived NRF2 Activators. *ChemistryOpen*, 11(10), e202200181.
- Dayalan Naidu S, et al. (2022) The isoquinoline PRL-295 increases the thermostability of Keap1 and disrupts its interaction with Nrf2. *iScience*, 25(1), 103703.
- Liu Y, et al. (2022) A Major Intestinal Catabolite of Quercetin Glycosides, 3-Hydroxyphenylacetic Acid, Protects the Hepatocytes from the Acetaldehyde-Induced Cytotoxicity through the Enhancement of the Total Aldehyde Dehydrogenase Activity. *International journal of molecular sciences*, 23(3).
- Zhang X, et al. (2022) Robust genome editing in adult vascular endothelium by nanoparticle delivery of CRISPR-Cas9 plasmid DNA. *Cell reports*, 38(1), 110196.