

Resource Summary Report

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AML12

RRID:CVCL_0140

Type: Cell Line

Proper Citation

Hysigen Cat# TCM-C709, RRID:CVCL_0140

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0140

Proper Citation: Hysigen Cat# TCM-C709, RRID:CVCL_0140

Description: Cell line AML12 is a Spontaneously immortalized cell line with a species of origin *Mus musculus* (Mouse)

Sex: Male

Defining Citation: [PMID:7904757](#)

Category: Spontaneously immortalized cell line

Organism: *Mus musculus* (Mouse)

Name: AML12

Synonyms: AML-12, AML 12, Alpha Mouse Liver 12

Cross References: BTO:BTO_0003449, CLO:CLO_0001716, MCCL:MCC:0000033, ATCC:CRL-2254, BCRC:60326, BCRJ:0354, CCRID:3101MOUSCSP550, CLS:300643, GEO:GSE87156, GEO:GSM294842, GEO:GSM296415, GEO:GSM296416, GEO:GSM296417, GEO:GSM1374079, GEO:GSM1374080, GEO:GSM1374081, GEO:GSM1374082, GEO:GSM1374083, GEO:GSM1374084, Hysigen:TCM-C709, IZSLER:BS CL 161, Ubigen:YC-D022, Wikidata:Q54749800

ID: CVCL_0140

Vendor: Hysigen

Catalog Number: TCM-C709

Record Creation Time: 20260408T072338+0000

Record Last Update: 20260905T185248+0000

Ratings and Alerts

No rating or validation information has been found for AML12.

No alerts have been found for AML12.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 404 mentions in open access literature.

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

Dong W, et al. (2026) Amodiaquine Enhances Anti-Melanoma Efficacy of Attenuated Salmonella via Targeting Glutathione Reductase in Neutrophils. *Advanced science* (Weinheim, Baden-Wurtemberg, Germany), 13(17), e15009.

Asar DY, et al. (2026) Comprehensive Cytogenetic and Genomic Profiling of the Murine AML12 (Alpha Mouse Liver 12) Hepatocyte Cell Line. *Cells*, 15(5).

Ngangoue MO, et al. (2026) Natural Products in Gambeya lacourtiana (Sapotaceae): Identification, In Vitro Cytotoxicity, and Deep Learning-Based Pharmacokinetic Prediction. *Chemistry & biodiversity*, 23(5), e02045.

Liang Z, et al. (2026) Tumor cells metabolically resist immune-checkpoint therapy by macrophage efferocytosis-mediated fatty acid recycling. *Cancer cell*, 44(6), 1235.

Ahsan FM, et al. (2026) Reductive death is averted by a conserved de novo lipogenic switch. *Molecular cell*, 86(13), 2539.

Shao LJ, et al. (2026) Myeloid MMP14 couples extracellular proteolysis to inflammatory and metabolic remodeling during obesity. *Cell reports*, 45(7), 117681.

Gui R, et al. (2026) Ethanolamine phosphate phospholyase drives non-alcoholic fatty liver disease via hepatocyte ferroptosis and ferroptosis-mediated macrophage reprogramming. *International journal of biological macromolecules*, 357, 151608.

Bergonci T, et al. (2026) Dual pharmacological targeting of coactivator-associated arginine methyltransferase 1 (CARM1) and salt inducible kinase (SIK) drives ketogenesis in both hepatocytes and mice. *British journal of pharmacology*, 183(15), 4399.

Liu X, et al. (2026) Acetaminophen aggravates valproate-induced hepatic lipid accumulation and apoptosis by facilitating valproate retention. *British journal of pharmacology*, 183(3), 598.

Guo Z, et al. (2026) RASGEF1B suppresses hepatocellular carcinoma through the ALDH7A1/Betaine/SNAI1 metabolic?epigenetic axis. *Journal of translational medicine*,

24(1).

Peng Y, et al. (2026) Cellular Metabolomics Reveals Hepatoprotective Mechanisms of Platycoside Metabolites Against Acetaminophen-Induced Liver Injury. *Chemistry & biodiversity*, 23(4), e02806.

Che Z, et al. (2026) A preclinical candidate of cyclophilin D inhibition improves alcohol-associated liver injury. *Cell reports. Medicine*, 7(3), 102654.

Li L, et al. (2026) Tumor-specific glyco-detonators: A neuraminidase-3-gated programmable DNA Nanoarchitectonics for liver cancer-exclusive chemotherapy. *Journal of controlled release : official journal of the Controlled Release Society*, 390, 114495.

Zhang Y, et al. (2026) LC3B Mediated SETDB1-Accounted Alcoholic Steatohepatitis via Lipidation-Dependent LAP and Lipidation-Independent Nuclear Stabilization. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e13189.

Zhang K, et al. (2026) Bifidobacterium Pseudolongum-Derived Inosine Mitigates Polystyrene Nanoplastics-Induced Hepatic Injury by Inhibiting the Polarization of M1 Macrophages. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e22510.

Zhang YJ, et al. (2026) Spermidine alleviates ethanol-induced hepatocyte ferroptosis by restoring hepatic iron homeostasis via the gut-liver axis. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 152, 157853.

Jiang Y, et al. (2026) Targeted Mitochondrial ECSIT Overexpression Attenuates MASH by Increasing OTUD3 Expression. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(22), e18974.

Lin J, et al. (2026) Laparoscopic Delivery of a MnO₂-P-ICG Patch for Photodynamic Therapy and NK Cell-Driven Immunotherapy in Hepatocellular Carcinoma. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(32), e24246.

Wang C, et al. (2026) Neutrophil-derived TNF- α triggers ACSL4-mediated lipid peroxidation in post-hepatectomy liver injury. *International immunopharmacology*, 168(Pt 2), 115851.

Guo X, et al. (2026) Curcumin Induces Necroptosis of Hepatic Stellate Cells by Targeting KAT8 to Suppress HK2 Lactylation and Promote HUWE1-Dependent Ubiquitination. *International journal of biological sciences*, 22(3), 1648.