Resource Summary Report

Generated by dkNET on Sep 4, 2026

AML12

RRID:CVCL_0140
Type: Cell Line

Proper Citation

CLS Cat# 300643, RRID:CVCL_0140

Cell Line Information

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

Proper Citation: CLS Cat# 300643, 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, Ubigene:YC-D022, Wikidata:Q54749800

ID: CVCL_0140

Vendor: CLS

Catalog Number: 300643

Record Creation Time: 20230322T070403+0000

Record Last Update: 20260904T020223+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 dkNET .

Dong W, et al. (2026) Amodiaquine Enhances Anti-Melanoma Efficacy of Attenuated Salmonella via Targeting Glutathione Reductase in Neutrophils. Advanced science (Weinheim, Baden-Wurttemberg, 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 Cytoxicity, 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.

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).

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.

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.

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.

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.

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

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.

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.

Weger M, et al. (2026) Feeding-regulated glycogen metabolism drives rhythmic liver protein secretion. Nature metabolism, 8(2), 327.

Guo X, et al. (2026) Curcumol 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.