Resource Summary Report

Generated by RRID on Sep 7, 2026

CL1-5

RRID:CVCL_D521
Type: Cell Line

Proper Citation

RRID:CVCL_D521

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_D521

Proper Citation: RRID:CVCL_D521

Description: Cell line CL1-5 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung adenocarcinoma

Defining Citation: PMID:9308922, PMID:11431363, PMID:16354588, PMID:21998723, PMID:23267084, PMID:28678517

Comments: Population: Chinese; Taiwan.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: CL1-5

Synonyms: CL 1-5

Cross References: BTO:BTO_0002876, EFO:EFO_0022436, ChEMBL-Cells:CHEMBL4802056, GEO:GSM185875, GEO:GSM997735, GEO:GSM997736, GEO:GSM997737, GEO:GSM997738, GEO:GSM997743, GEO:GSM997744, GEO:GSM997745, GEO:GSM997746, GEO:GSM997751, GEO:GSM997752, GEO:GSM997753, GEO:GSM997754, GEO:GSM1039264, GEO:GSM1039265, GEO:GSM1039266, PubChem_Cell_line:CVCL_D521, TOKU-E:3876, Wikidata:Q54813512

ID: CVCL_D521

Hierarchy: cvcl_3871

Record Creation Time: 20220427T215508+0000

Record Last Update: 20260905T174619+0000

Ratings and Alerts

No rating or validation information has been found for CL1-5.

No alerts have been found for CL1-5.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 125 mentions in open access literature.

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

Huang HY, et al. (2024) Incense-burning smoke ingredient Auramine enhances lincRNA-p21 expression for chemosensitization in p53-mutated non-small cell lung cancer. Journal of hazardous materials, 477, 135105.

Chiang HH, et al. (2024) Downregulated antisense lncRNA ENTPD3-AS1 contributes to the development of lung adenocarcinoma. American journal of cancer research, 14(2), 854.

Vadhan A, et al. (2023) Fumarate hydratase inhibits non-small cell lung cancer metastasis via inactivation of AMPK and upregulation of DAB2. Oncology letters, 25(1), 42.

Liu PI, et al. (2023) ANGPTL2 promotes VEGF-A synthesis in human lung cancer and facilitates lymphangiogenesis. Aging, 15(5), 1652.

Šurá?ová M, et al. (2023) Primary assessment of medicines for expected migrastatic potential with holographic incoherent quantitative phase imaging. Biomedical optics express, 14(6), 2689.

Lin CH, et al. (2022) Comparative O-GlcNAc Proteomic Analysis Reveals a Role of O-GlcNAcylated SAM68 in Lung Cancer Aggressiveness. Cancers, 14(1).

Wu SY, et al. (2022) Secretory autophagy promotes Rab37-mediated exocytosis of tissue inhibitor of metalloproteinase 1. Journal of biomedical science, 29(1), 103.

Tung CH, et al. (2022) ?-Catulin promotes cancer stemness by antagonizing WWP1-mediated KLF5 degradation in lung cancer. Theranostics, 12(3), 1173.

Wu CK, et al. (2022) BMP2 promotes lung adenocarcinoma metastasis through BMP receptor 2-mediated SMAD1/5 activation. Scientific reports, 12(1), 16310.

Cho HC, et al. (2022) Puf-A promotes cancer progression by interacting with nucleophosmin in nucleolus. Oncogene, 41(8), 1155.

Wang YW, et al. (2022) A novel HIF1?-STIL-FOXM1 axis regulates tumor metastasis. Journal of biomedical science, 29(1), 24.

Lee HC, et al. (2022) The Therapeutic Potential of ADAMTS8 in Lung Adenocarcinoma without Targetable Therapy. Journal of personalized medicine, 12(6).

Kuo YH, et al. (2022) Coriloxin Exerts Antitumor Effects in Human Lung Adenocarcinoma Cells. International journal of molecular sciences, 23(7).

Lin CH, et al. (2021) Feedback Regulation of O-GlcNAc Transferase through Translation Control to Maintain Intracellular O-GlcNAc Homeostasis. International journal of molecular sciences, 22(7).

Lee PJ, et al. (2021) Tumor microenvironment-based screening repurposes drugs targeting cancer stem cells and cancer-associated fibroblasts. Theranostics, 11(19), 9667.

Chang YC, et al. (2021) Metabolic protein phosphoglycerate kinase 1 confers lung cancer migration by directly binding HIV Tat specific factor 1. Cell death discovery, 7(1), 135.

Wang HC, et al. (2021) Anti-Inflammatory Azaphilones from the Edible Alga-Derived Fungus Penicillium sclerotiorum. Marine drugs, 19(10).

Kyriakopoulos G, et al. (2021) KRASG12C Can Either Promote or Impair Cap-Dependent Translation in Two Different Lung Adenocarcinoma Cell Lines. International journal of molecular sciences, 22(4).

Chang CY, et al. (2021) Amine oxidase, copper containing 3 exerts anti?mesenchymal transformation and enhances CD4+ T?cell recruitment to prolong survival in lung cancer. Oncology reports, 46(3).

Lee TF, et al. (2021) TAZ negatively regulates the novel tumor suppressor ANKRD52 and promotes PAK1 dephosphorylation in lung adenocarcinomas. Biochimica et biophysica acta. Molecular cell research, 1868(2), 118891.