

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 16, 2025

NCI-H1373

RRID:CVCL_1465

Type: Cell Line

Proper Citation

(RRID:CVCL_1465)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1465

Proper Citation: (RRID:CVCL_1465)

Sex: Male

Defining Citation: [PMID:1311061](#), [PMID:1565469](#), [PMID:8806092](#), [PMID:11030152](#), [PMID:18083107](#), [PMID:20679594](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:28196595](#), [PMID:29681454](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31803961](#)

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: Deep exome analysis., Population: African American., Part of: NCI RAS program mutant KRAS cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Name: NCI-H1373

Synonyms: H1373, H-1373, NCIH1373

Cross References: CLO:CLO_0007990, EFO:EFO_0006657, AddexBio:C0016047/5012, ArrayExpress:E-MTAB-2706, ATCC:CRL-5866, BioGRID_ORCS_Cell_line:186, BioSample:SAMN03470836, BioSample:SAMN10988153, cancercellines:CVCL_1465, Cell_Model_Passport:SIDM01677, ChEMBL-Cells:ChEMBL4296202, ChEMBL-Targets:ChEMBL4296389, Cosmic:722040, Cosmic:903588, Cosmic:930488, Cosmic:980973, Cosmic:1032445, DepMap:ACH-000845, EGA:EGAS00001000610,

GEO:GSM794313, GEO:GSM887359, GEO:GSM888437, IARC_TP53:490, KCLB:91373, Pharmacodb:NCIH1373_1011_2019, Progenetix:CVCL_1465, PubChem_Cell_line:CVCL_1465, Wikidata:Q54907796

ID: CVCL_1465

Record Creation Time: 20250131T201458+0000

Record Last Update: 20250131T203136+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H1373.

Warning: Discontinued: KCLB; 91373

Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: Deep exome analysis., Population: African American., Part of: NCI RAS program mutant KRAS cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Pelos G, et al. (2024) Fast proliferating and slowly migrating non-small cell lung cancer cells are vulnerable to decitabine and retinoic acid combinatorial treatment. International journal of cancer, 154(6), 1029.

Suvilesh KN, et al. (2024) Targeting AKR1B10 by Drug Repurposing with Epalrestat Overcomes Chemoresistance in Non-Small Cell Lung Cancer Patient-Derived Tumor Organoids. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(17), 3855.

Sealover NE, et al. (2024) In situ modeling of acquired resistance to RTK/RAS-pathway-targeted therapies. iScience, 27(1), 108711.

Lal S, et al. (2023) Discovery and Characterization of ZL-2201, a Potent, Highly Selective, and Orally Bioavailable Small-molecule DNA-PK Inhibitor. *Cancer research communications*, 3(9), 1731.

Rodina A, et al. (2023) Systems-level analyses of protein-protein interaction network dysfunctions via epichaperomics identify cancer-specific mechanisms of stress adaptation. *Nature communications*, 14(1), 3742.

Köferle A, et al. (2022) Interrogation of cancer gene dependencies reveals paralog interactions of autosome and sex chromosome-encoded genes. *Cell reports*, 39(2), 110636.

Gozgit JM, et al. (2021) PARP7 negatively regulates the type I interferon response in cancer cells and its inhibition triggers antitumor immunity. *Cancer cell*, 39(9), 1214.

Cheng CC, et al. (2020) Sperm-specific COX6B2 enhances oxidative phosphorylation, proliferation, and survival in human lung adenocarcinoma. *eLife*, 9.

Gymnopoulos M, et al. (2020) TR1801-ADC: a highly potent cMet antibody-drug conjugate with high activity in patient-derived xenograft models of solid tumors. *Molecular oncology*, 14(1), 54.

Guerra SL, et al. (2020) A Deregulated HOX Gene Axis Confers an Epigenetic Vulnerability in KRAS-Mutant Lung Cancers. *Cancer cell*, 37(5), 705.

Yenerall P, et al. (2020) RUVBL1/RUVBL2 ATPase Activity Drives PAQosome Maturation, DNA Replication and Radioresistance in Lung Cancer. *Cell chemical biology*, 27(1), 105.

Yan P, et al. (2020) Molecular Stressors Engender Protein Connectivity Dysfunction through Aberrant N-Glycosylation of a Chaperone. *Cell reports*, 31(13), 107840.

Yin N, et al. (2019) Protein Kinase C α and Wnt/ β -Catenin Signaling: Alternative Pathways to Kras/Trp53-Driven Lung Adenocarcinoma. *Cancer cell*, 36(2), 156.

Janes MR, et al. (2018) Targeting KRAS Mutant Cancers with a Covalent G12C-Specific Inhibitor. *Cell*, 172(3), 578.