

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 11, 2025

## NCI-H1573

RRID:CVCL\_1478

Type: Cell Line

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### Proper Citation

(RRID:CVCL\_1478)

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_1478](https://web.expasy.org/cellosaurus/CVCL_1478)

**Proper Citation:** (RRID:CVCL\_1478)

**Sex:** Female

**Defining Citation:** [PMID:1311061](#), [PMID:8806092](#), [PMID:11030152](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:25485619](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29444439](#), [PMID:29681454](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31803961](#), [PMID:31978347](#), [PMID:35839778](#)

**Comments:** Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Population: Caucasian., Part of: MD Anderson Cell Lines Project., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

**Category:** Cancer cell line

**Name:** NCI-H1573

**Synonyms:** H1573, H-1573, NCIH1573

**Cross References:** CLO:CLO\_0008002, EFO:EFO\_0002256, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5877, BioSample:SAMN03472584, BioSample:SAMN10987661, cancercellines:CVCL\_1478, Cell\_Model\_Passport:SIDM00749, ChEMBL-Cells:ChEMBL3308117, ChEMBL-Targets:ChEMBL1075515, Cosmic:687796, Cosmic:877243, Cosmic:877425,

Cosmic:903595, Cosmic:908472, Cosmic:1995526, Cosmic:2125179, Cosmic-CLP:908472, DepMap:ACH-000916, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:908472, GEO:GSM794321, GEO:GSM827530, GEO:GSM887368, GEO:GSM888446, GEO:GSM1670177, IARC\_TP53:496, IGRhCellID:NCIH1573, KCLB:91573, LiGeA:CCLC\_321, LINCS\_LDP:LCL-1638, PharmacDB:NCIH1573\_1023\_2019, PRIDE:PXD030304, Progenetix:CVCL\_1478, PubChem\_Cell\_line:CVCL\_1478, Wikidata:Q54907825

**ID:** CVCL\_1478

**Record Creation Time:** 20250131T201459+0000

**Record Last Update:** 20250131T203137+0000

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## Ratings and Alerts

No rating or validation information has been found for NCI-H1573.

No alerts have been found for NCI-H1573.

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## Data and Source Information

**Source:** [Cellosaurus](#)

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## Usage and Citation Metrics

We found 12 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.

Fukuda K, et al. (2024) Targeting WEE1 enhances the antitumor effect of KRAS-mutated non-small cell lung cancer harboring TP53 mutations. *Cell reports. Medicine*, 5(6), 101578.

Kwon M, et al. (2022) Smoking-associated Downregulation of FILIP1L Enhances Lung Adenocarcinoma Progression Through Mucin Production, Inflammation, and Fibrosis. *Cancer research communications*, 2(10), 1197.

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.

Gonzalez Rajal A, et al. (2021) A non-genetic, cell cycle-dependent mechanism of platinum resistance in lung adenocarcinoma. *eLife*, 10.

Yang J, et al. (2021) An IFN $\gamma$ /STAT1/JMJD3 Axis Induces ZEB1 Expression and Promotes Aggressiveness in Lung Adenocarcinoma. *Molecular cancer research : MCR*, 19(7), 1234.

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.

Hastings JF, et al. (2020) Analysis of pulsed cisplatin signalling dynamics identifies effectors of resistance in lung adenocarcinoma. *eLife*, 9.

LeBoeuf SE, et al. (2020) Activation of Oxidative Stress Response in Cancer Generates a Druggable Dependency on Exogenous Non-essential Amino Acids. *Cell metabolism*, 31(2), 339.

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

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