

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

NCI-H1563

RRID:CVCL_1475

Type: Cell Line

Proper Citation

RRID:CVCL_1475

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1475

Proper Citation: RRID:CVCL_1475

Description: Cell line NCI-H1563 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung adenocarcinoma

Defining Citation: [PMID:1311061](#), [PMID:8806092](#), [PMID:11030152](#), [PMID:18083107](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29444439](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31803961](#), [PMID:35839778](#)

Comments: 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

Organism: Homo sapiens (Human)

Name: NCI-H1563

Synonyms: H1563, H-1563, NCIH1563

Cross References: CLO:CLO_0008000, EFO:EFO_0002255, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5875, BioSample:SAMN03473021, BioSample:SAMN10987885, cancercellines:CVCL_1475, Cell_Model_Passport:SIDM00751, ChEMBL-Cells:ChEMBL3308457, ChEMBL-Targets:ChEMBL1075514, CLS:305131, Cosmic:753600, Cosmic:1146879, Cosmic:2664120, Cosmic-CLP:753600, DepMap:ACH-000892, EGA:EGAS00001000978,

EGA:EGAS00001002554, GDSC:753600, GEO:GSM434327, GEO:GSM513940, GEO:GSM514326, GEO:GSM784195, GEO:GSM794318, GEO:GSM827536, GEO:GSM887366, GEO:GSM888444, GEO:GSM1670175, IARC_TP53:21542, IGRhCellID:H1563GEO, LiGeA:CCL_735, LINCS_LDP:LCL-1661, PharmacDB:NCIH1563_1021_2019, PRIDE:PXD030304, Progenetix:CVCL_1475, PubChem_Cell_line:CVCL_1475, Wikidata:Q54907820

ID: CVCL_1475

Record Creation Time: 20220427T220837+0000

Record Last Update: 20260905T181241+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H1563.

No alerts have been found for NCI-H1563.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Mateo-Victoriano B, et al. (2025) Oncogenic KRAS addiction states differentially influence MTH1 expression and 8-oxodGTPase activity in lung adenocarcinoma. Redox biology, 82, 103610.

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.

Cheung AH, et al. (2023) MLK4 promotes glucose metabolism in lung adenocarcinoma through CREB-mediated activation of phosphoenolpyruvate carboxykinase and is regulated by KLF5. Oncogenesis, 12(1), 35.

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.