

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

NCI-H2126

RRID:CVCL_1532

Type: Cell Line

Proper Citation

RRID:CVCL_1532

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1532

Proper Citation: RRID:CVCL_1532

Description: Cell line NCI-H2126 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung large cell carcinoma

Defining Citation: [PMID:1311061](#), [PMID:8806092](#), [PMID:9559342](#), [PMID:10987304](#), [PMID:11030152](#), [PMID:11314036](#), [PMID:11416159](#), [PMID:14762065](#), [PMID:16157194](#), [PMID:19153074](#), [PMID:19472407](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20557307](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26361996](#), [PMID:26589293](#), [PMID:28196595](#), [PMID:29444439](#), [PMID:29681454](#), [PMID:30038707](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31803961](#), [PMID:31978347](#)

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-H2126

Synonyms: H2126, H-2126, NCIH2126

Cross References: BTO:BTO_0003240, CLO:CLO_0008056, EFO:EFO_0002280, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CCL-256, ATCC:CRL-5925, BioGRID_ORCS_Cell_line:530, BioSample:SAMN03471320,

BioSample:SAMN03471386, BioSample:SAMN05292434, BioSample:SAMN10988437, cancercellines:CVCL_1532, CCRID:3101HUMSCSP599, Cell_Model_Passport:SIDM00775, ChEMBL-Cells:ChEMBL3308894, ChEMBL-Targets:ChEMBL2366160, CLS:300639, Cosmic:687814, Cosmic:877266, Cosmic:903616, Cosmic:961841, Cosmic:1006537, Cosmic:1146903, Cosmic:1219066, Cosmic:1239892, Cosmic:1995560, Cosmic:2125182, Cosmic:2629443, Cosmic-CLP:687814, DepMap:ACH-000785, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:687814, GEO:GSM108839, GEO:GSM108840, GEO:GSM206485, GEO:GSM253405, GEO:GSM274811, GEO:GSM274812, GEO:GSM353228, GEO:GSM434271, GEO:GSM513958, GEO:GSM514343, GEO:GSM784235, GEO:GSM794354, GEO:GSM817103, GEO:GSM887408, GEO:GSM888487, GEO:GSM1374724, GEO:GSM1670218, IARC_TP53:21557, IGRhCellID:NCIH2126, LiGeA:CCLE_835, LINCS_LDP:LCL-1627, PharmacDB:NCIH2126_1071_2019, PRIDE:PXD002556, Progenetix:CVCL_1532, PubChem_Cell_line:CVCL_1532, Wikidata:Q54907929

ID: CVCL_1532

Record Creation Time: 20220427T220839+0000

Record Last Update: 20260920T004615+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H2126.

Warning: Discontinued: ATCC; CRL-5925

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).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Fu R, et al. (2026) Acquired resistance to the PRMT5 inhibitor confers collateral sensitivity to MEK inhibition in MTAP-null non-small cell lung cancer. bioRxiv : the preprint server for biology.

Fu X, et al. (2025) A cancer-specific antigen drives histone acetylation by stabilizing the acetyltransferases. Cell reports, 44(10), 116408.

Parihar K, et al. (2025) Tissue-dependent mechanosensing by cells derived from human tumors. npj biological physics and mechanics, 2(1), 19.

Horie M, et al. (2024) Exosomes secreted by ST3GAL5high cancer cells promote peritoneal dissemination by establishing a premetastatic microenvironment. *Molecular oncology*, 18(1), 21.

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.

Chen K, et al. (2023) Individualized tumor-informed circulating tumor DNA analysis for postoperative monitoring of non-small cell lung cancer. *Cancer cell*, 41(10), 1749.

Limagne E, et al. (2022) MEK inhibition overcomes chemoimmunotherapy resistance by inducing CXCL10 in cancer cells. *Cancer cell*, 40(2), 136.

Parihar K, et al. (2022) Data driven and biophysical insights into the regulation of trafficking vesicles by extracellular matrix stiffness. *iScience*, 25(8), 104721.

Koppula P, et al. (2021) KEAP1 deficiency drives glucose dependency and sensitizes lung cancer cells and tumors to GLUT inhibition. *iScience*, 24(6), 102649.

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

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.

Ge P, et al. (2019) miR-762 activation confers acquired resistance to gefitinib in non-small cell lung cancer. *BMC cancer*, 19(1), 1203.

Shirole NH, et al. (2016) TP53 exon-6 truncating mutations produce separation of function isoforms with pro-tumorigenic functions. *eLife*, 5.