

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

NCI-H2009

RRID:CVCL_1514

Type: Cell Line

Proper Citation

RRID:CVCL_1514

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1514

Proper Citation: RRID:CVCL_1514

Description: Cell line NCI-H2009 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Lung adenocarcinoma

Defining Citation: [PMID:1311061](#), [PMID:8806092](#), [PMID:9559342](#), [PMID:10987304](#), [PMID:11030152](#), [PMID:11314036](#), [PMID:11416159](#), [PMID:12068308](#), [PMID:16157194](#), [PMID:16187286](#), [PMID:19472407](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20557307](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:24135919](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:29444439](#), [PMID:29681454](#), [PMID:30038707](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31803961](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Population: Caucasian., 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-H2009

Synonyms: H2009, H-2009, NCIH2009

Cross References: BTO:BTO_0003242, CLO:CLO_0008038, EFO:EFO_0002273, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5911, BioGRID_ORCS_Cell_line:187, BioSample:SAMN03471794, BioSample:SAMN10988519, cancercellines:CVCL_1514, CCRID:1101HUM-PUMC000383,

Cell_Model_Passport:SIDM00756, ChEMBL-Cells:CHEMBL3308459, ChEMBL-Targets:CHEMBL1075528, Cosmic:722054, Cosmic:724873, Cosmic:877249, Cosmic:877436, Cosmic:903609, Cosmic:980989, Cosmic:1032461, Cosmic:1146896, Cosmic:1154596, Cosmic:1188589, Cosmic:1239889, Cosmic:1518084, Cosmic:1802308, Cosmic:1870267, Cosmic:1891899, Cosmic:1995550, Cosmic:2125240, Cosmic-CLP:724873, DepMap:ACH-000886, EGA:EGAS00001000160, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:724873, GEO:GSM63697, GEO:GSM108833, GEO:GSM108834, GEO:GSM206482, GEO:GSM253369, GEO:GSM274782, GEO:GSM274815, GEO:GSM385518, GEO:GSM385529, GEO:GSM434316, GEO:GSM794342, GEO:GSM817096, GEO:GSM827528, GEO:GSM887394, GEO:GSM888472, GEO:GSM1670205, IARC_TP53:510, IGRhCellID:NCIH2009, KCLB:92009, LiGeA:CCLE_730, LINCX_LDP:LCL-1647, PharmacDB:NCIH2009_1055_2019, PRIDE:PXD030304, Progenetix:CVCL_1514, PubChem_Cell_line:CVCL_1514, Wikidata:Q54907901

ID: CVCL_1514

Record Creation Time: 20220427T220838+0000

Record Last Update: 20260829T234731+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H2009.

No alerts have been found for NCI-H2009.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Dong G, et al. (2026) Discovery of SKP2-Recruiting PROTACs for Target Protein Degradation. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(20), e15159.

Ahmed B, et al. (2026) CRL2FEM1B uses heme to recruit BACH1 for degradation and regulate ferroptosis in lung cancer. Molecular cell, 86(10), 1993.

Pan Y, et al. (2025) Functional-proteomics-based investigation of the cellular response to farnesyltransferase inhibition in lung cancer. iScience, 28(2), 111864.

Sasaki M, et al. (2025) Efficacy of CBP/p300 Dual Inhibitors against Derepression of KREMEN2 in cBAF-Deficient Cancers. Cancer research communications, 5(1), 24.

Prevost CT, et al. (2025) NRF2 regulates lipid droplet dynamics to prevent lipotoxicity. *iScience*, 28(7), 112925.

Galan-Cobo A, et al. (2025) KEAP1 and STK11/LKB1 alterations enhance vulnerability to ATR inhibition in KRAS mutant non-small cell lung cancer. *Cancer cell*, 43(8), 1530.

Zhang Q, et al. (2025) PLK1-mediated PDHA1 phosphorylation drives mitochondrial dysfunction, mitophagy, and cancer progression in Cr(VI)-associated lung cancer. *The Journal of biological chemistry*, 301(7), 110406.

Obermajer N, et al. (2025) JNJ-78306358, a first-in-class bispecific T??cell engaging antibody targeting CD3 and HLA-G. *iScience*, 28(3), 111876.

Xu C, et al. (2025) Single-cell and spatial transcriptomics reveal a potential role of ATF3 in brain metastasis of lung adenocarcinoma. *Translational lung cancer research*, 14(1), 209.

Pulice JL, et al. (2025) Amplified dosage of the NKX2-1 lineage transcription factor controls its oncogenic role in lung adenocarcinoma. *Molecular cell*, 85(7), 1311.

Ray P, et al. (2025) SMURF2 Facilitates GAP17 Isoform 1 Membrane Displacement to Promote Mutant p53-KRAS Oncogenic Synergy. *Molecular cancer research : MCR*, 23(6), 530.

Zheng B, et al. (2025) BRD2 bridges TFIID and MOF-H4K16ac-containing nucleosomes to promote transcriptional initiation. *Molecular cell*.

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.

Yoon SJ, et al. (2023) Comprehensive Metabolic Tracing Reveals the Origin and Catabolism of Cysteine in Mammalian Tissues and Tumors. *Cancer research*, 83(9), 1426.

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.

Marzio A, et al. (2022) EMSY inhibits homologous recombination repair and the interferon response, promoting lung cancer immune evasion. *Cell*, 185(1), 169.

Martin AL, et al. (2022) Olfactory Receptor OR2H1 Is an Effective Target for CAR T Cells in Human Epithelial Tumors. *Molecular cancer therapeutics*, 21(7), 1184.

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

Orstad G, et al. (2022) FoxA1 and FoxA2 control growth and cellular identity in NKX2-1-positive lung adenocarcinoma. *Developmental cell*, 57(15), 1866.

Amen AM, et al. (2022) Endogenous spacing enables co-processing of microRNAs and efficient combinatorial RNAi. *Cell reports methods*, 2(7), 100239.