Resource Summary Report

Generated by NIF on Sep 22, 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, cancercelllines: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, LINCS_LDP:LCL-1647, PharmacoDB: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: 20260920T004614+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 NIF .

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.