

Resource Summary Report

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

NCI-H1734

RRID:CVCL_1491

Type: Cell Line

Proper Citation

RRID:CVCL_1491

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1491

Proper Citation: RRID:CVCL_1491

Description: Cell line NCI-H1734 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:11030152](#), [PMID:18083107](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:24135919](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:27602502](#), [PMID:28196595](#), [PMID:29444439](#), [PMID:29681454](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31395879](#), [PMID:31803961](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: TCGA-110-CL cell line panel., 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-H1734

Synonyms: H1734, H-1734, NCIH1734

Cross References: CLO:CLO_0008015, EFO:EFO_0006662, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5891, BioSample:SAMN03471721, BioSample:SAMN10987672, cancercellines:CVCL_1491, CCRID:3101HUMSCSP594, Cell_Model_Passport:SIDM00739, ChEMBL-Cells:ChEMBL3308767, ChEMBL-Targets:ChEMBL1075523, Cosmic:722058,

Cosmic:897512, Cosmic:1146885, Cosmic:1609515, Cosmic:1995537, Cosmic-CLP:722058, DepMap:ACH-000675, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:722058, GEO:GSM434328, GEO:GSM513944, GEO:GSM514331, GEO:GSM794330, GEO:GSM827507, GEO:GSM887379, GEO:GSM888457, GEO:GSM1374708, GEO:GSM1670188, IARC_TP53:503, IGRhCellID:H1734GEO, LiGeA:CCLE_433, LINCS_LDP:LCL-1641, PharmacDB:NCIH1734_1035_2019, PRIDE:PXD030304, Progenetix:CVCL_1491, PubChem_Cell_line:CVCL_1491, Wikidata:Q54907854

ID: CVCL_1491

Record Creation Time: 20220427T220838+0000

Record Last Update: 20260829T234741+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H1734.

No alerts have been found for NCI-H1734.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. *Cell chemical biology*, 31(7), 1247.

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.

Gurtner K, et al. (2020) Radioresistance of KRAS/TP53-mutated lung cancer can be overcome by radiation dose escalation or EGFR tyrosine kinase inhibition in vivo. *International journal of cancer*, 147(2), 472.

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

Bi J, et al. (2019) Oncogene Amplification in Growth Factor Signaling Pathways Renders Cancers Dependent on Membrane Lipid Remodeling. *Cell metabolism*, 30(3), 525.