

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

NCI-H650

RRID:CVCL_1575

Type: Cell Line

Proper Citation

RRID:CVCL_1575

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1575

Proper Citation: RRID:CVCL_1575

Description: Cell line NCI-H650 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:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29444439](#), [PMID:29681454](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31803961](#), [PMID:31978347](#), [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-H650

Synonyms: H650, H-650, NCIH650

Cross References: BTO:BTO_0004079, CLO:CLO_0008101, EFO:EFO_0002298, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5835, BioGRID_ORCS_Cell_line:965, BioSample:SAMN03471315, BioSample:SAMN10988027, cancercellines:CVCL_1575, Cell_Model_Passport:SIDM01124, ChEMBL-Cells:ChEMBL3308461, ChEMBL-Targets:ChEMBL1075543, Cosmic:722066,

Cosmic:1609512, Cosmic:1870277, Cosmic:1995586, Cosmic-CLP:722066, DepMap:ACH-000945, EGA:EGAS00001000610, EGA:EGAS00001000978, FANTOM5_SSTAR:10715-10914, GDSC:722066, GEO:GSM206498, GEO:GSM274787, GEO:GSM274824, GEO:GSM794296, GEO:GSM827481, GEO:GSM887439, GEO:GSM888519, GEO:GSM1670255, IARC_TP53:522, IGRhCellID:NCIH650, KCLB:90650, LiGeA:CCLE_406, LINCX_LDP:LCL-1672, PharmacDB:NCIH650_1125_2019, PRIDE:PXD030304, Progenetix:CVCL_1575, PubChem_Cell_line:CVCL_1575, Wikidata:Q54908094

ID: CVCL_1575

Record Creation Time: 20220427T220840+0000

Record Last Update: 20260913T004957+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H650.

No alerts have been found for NCI-H650.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Li N, et al. (2026) Red Blood Cell-Derived Exosomal miR-93-5p Promotes Lung Cancer Progression through PTEN Suppression. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(3), e11940.

Wang F, et al. (2025) Notch3 mediated TGF β 1 activation enhances epithelial-mesenchymal transition and cancer stemness in non-small lung cancer. International journal of oncology, 67(4).

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