

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

NCI-H1651

RRID:CVCL_1484

Type: Cell Line

Proper Citation

RRID:CVCL_1484

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1484

Proper Citation: RRID:CVCL_1484

Description: Cell line NCI-H1651 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:18083107](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29681454](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31803961](#), [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-H1651

Synonyms: H1651, H-1651, NCIH1651

Cross References: CLO:CLO_0008008, EFO:EFO_0002261, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5884, BioSample:SAMN03472590, BioSample:SAMN10987663, cancercellines:CVCL_1484, Cell_Model_Passport:SIDM00744, ChEMBL-Cells:ChEMBL3308383, ChEMBL-Targets:ChEMBL1075519, Cosmic:687801, Cosmic:910900, Cosmic:1609525,

Cosmic:1802316, Cosmic:1995531, Cosmic-CLP:910900, DepMap:ACH-000893, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:910900, GEO:GSM206475, GEO:GSM274786, GEO:GSM274823, GEO:GSM513975, GEO:GSM514329, GEO:GSM794325, GEO:GSM827529, GEO:GSM844624, GEO:GSM887374, GEO:GSM888452, GEO:GSM1374704, GEO:GSM1670182, IARC_TP53:500, IGRhCellID:NCIH1651, LiGeA:CCLE_611, LINCS_HMS:50033, LINCS_LDP:LCL-1633, PharmacoDB:NCIH1651_1029_2019, PRIDE:PXD030304, Progenetix:CVCL_1484, PubChem_Cell_line:CVCL_1484, Wikidata:Q54907840

ID: CVCL_1484

Record Creation Time: 20220427T220838+0000

Record Last Update: 20260905T181242+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H1651.

No alerts have been found for NCI-H1651.

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](#) .

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.

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.

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