

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

NCI-H2023

RRID:CVCL_1515

Type: Cell Line

Proper Citation

RRID:CVCL_1515

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1515

Proper Citation: RRID:CVCL_1515

Description: Cell line NCI-H2023 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:18083107](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29444439](#), [PMID:29681454](#), [PMID:30894373](#), [PMID:30971826](#), [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-H2023

Synonyms: H2023, H-2023, NCIH2023

Cross References: CLO:CLO_0008039, EFO:EFO_0006669, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5912, BioGRID_ORCS_Cell_line:535, BioSample:SAMN03472596, BioSample:SAMN03472996, BioSample:SAMN10988117, cancercellines:CVCL_1515, Cell_Model_Passport:SIDM00753, Cosmic:903610, Cosmic:1995551, Cosmic-CLP:1240187, DepMap:ACH-000781, EGA:EGAS00001000610,

EGA:EGAS00001000978, GDSC:1240187, GEO:GSM513953, GEO:GSM514338, GEO:GSM784271, GEO:GSM794343, GEO:GSM827487, GEO:GSM887395, GEO:GSM888473, GEO:GSM1670206, IARC_TP53:28316, LiGeA:CCL_456, LINCS_HMS:50036, LINCS_LDP:LCL-1599, PharmacDB:NCIH2023_1056_2019, PRIDE:PXD030304, Progenetix:CVCL_1515, Wikidata:Q54907903

ID: CVCL_1515

Record Creation Time: 20220427T220838+0000

Record Last Update: 20260920T004614+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H2023.

No alerts have been found for NCI-H2023.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Gebru MT, et al. (2025) Loss of UXS1 Selectively Depletes Pyrimidines and Induces Replication Stress in KEAP1-Mutant Lung Cancer. Cancer research, 85(23), 4806.

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.

Kotagiri S, et al. (2024) Enhancer reprogramming underlies therapeutic utility of a SMARCA2 degrader in SMARCA4 mutant cancer. Cell chemical biology, 31(12), 2069.

Cooke M, et al. (2021) FARP1, ARHGEF39, and TIAM2 are essential receptor tyrosine kinase effectors for Rac1-dependent cell motility in human lung adenocarcinoma. Cell reports, 37(5), 109905.