

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

HCC78

RRID:CVCL_2061

Type: Cell Line

Proper Citation

RRID:CVCL_2061

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2061

Proper Citation: RRID:CVCL_2061

Description: Cell line HCC78 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung adenocarcinoma

Defining Citation: [PMID:9559342](#), [PMID:10987304](#), [PMID:11314036](#), [PMID:16187286](#), [PMID:18083107](#), [PMID:19472407](#), [PMID:20215515](#), [PMID:20557307](#), [PMID:20679594](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:24349229](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29681454](#), [PMID:30038707](#), [PMID:30538120](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31803961](#), [PMID:35839778](#), [PMID:38433235](#)

Comments: Miscellaneous: Direct author submission of STR profile from Girard, Luc & Gazdar, Adi F., 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: HCC78

Synonyms: HCC-78, HCC0078, Hamon Cancer Center 78

Cross References: CLO:CLO_0037014, EFO:EFO_0003136, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:875, BioSample:SAMN03473081, BioSample:SAMN10988287,

cancercelllines:CVCL_2061, Cell_Model_Passport:SIDM01068, ChEMBL-Cells:ChEMBL4295389, ChEMBL-Targets:ChEMBL4296421, CLS:302156, Cosmic:877255, Cosmic:903627, Cosmic:1146940, Cosmic:1239871, Cosmic:1518095, Cosmic:1612230, Cosmic:2125262, Cosmic:2647634, Cosmic-CLP:1290908, DepMap:ACH-000562, DSMZ:ACC-563, DSMZCellDive:ACC-563, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:1290908, GEO:GSM62333, GEO:GSM108881, GEO:GSM108882, GEO:GSM253403, GEO:GSM434264, GEO:GSM784275, GEO:GSM794375, GEO:GSM817111, GEO:GSM827373, GEO:GSM887059, GEO:GSM888129, GEO:GSM1669863, GEO:GSM7675391, GEO:GSM7675392, GEO:GSM7675393, GEO:GSM7675394, GEO:GSM7675395, GEO:GSM7675396, IARC_TP53:28315, IGRhCellID:HCC78GEO, LiGeA:CCLE_435, LINCS_LDP:LCL-1607, PharmacDB:HCC78_461_2019, PRIDE:PXD030304, Progenetix:CVCL_2061, PubChem_Cell_line:CVCL_2061, Wikidata:Q54881777

ID: CVCL_2061

Record Creation Time: 20220427T220319+0000

Record Last Update: 20260913T003953+0000

Ratings and Alerts

No rating or validation information has been found for HCC78.

No alerts have been found for HCC78.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Chuikov S, et al. (2026) E2A selectively regulates TGF- β -induced apoptosis in KRAS-mutant non-small cell lung cancer. *Molecular oncology*, 20(7), 1877.

Ochtrop P, et al. (2026) Expanding the payload scope in antibody-drug conjugates by delivery of hydroxy-containing drugs through self-immolative phosphoramidates. *Nature communications*, 17(1), 759.

Vogl AM, et al. (2025) TUB-040, a Homogeneous and Hydrophilic NaPi2b-Targeting ADC with Stably Linked Exatecan, Exhibits Long-lasting Antitumor Activity and a Well-Tolerated Safety Profile. *Molecular cancer therapeutics*, 24(11), 1685.

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.

Thomas JD, et al. (2024) Development of a Novel DNA Mono-alkylator Platform for Antibody-Drug Conjugates. *Molecular cancer therapeutics*, 23(4), 541.

Qin L, et al. (2021) Dynamic interplay of two molecular switches enabled by the MEK1/2-ERK1/2 and IL-6-STAT3 signaling axes controls epithelial cell migration in response to growth factors. *The Journal of biological chemistry*, 297(4), 101161.

Yenerall P, et al. (2020) RUVBL1/RUVBL2 ATPase Activity Drives PAQosome Maturation, DNA Replication and Radioresistance in Lung Cancer. *Cell chemical biology*, 27(1), 105.

Watanabe H, et al. (2013) Integrated cistromic and expression analysis of amplified NKX2-1 in lung adenocarcinoma identifies LMO3 as a functional transcriptional target. *Genes & development*, 27(2), 197.