

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

HCC15

RRID:CVCL_2057

Type: Cell Line

Proper Citation

RRID:CVCL_2057

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2057

Proper Citation: RRID:CVCL_2057

Description: Cell line HCC15 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung squamous cell carcinoma

Defining Citation: [PMID:9559342](#), [PMID:10987304](#), [PMID:11314036](#), [PMID:11464291](#), [PMID:16187286](#), [PMID:18083107](#), [PMID:19472407](#), [PMID:20215515](#), [PMID:20557307](#), [PMID:20679594](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:23381221](#), [PMID:24002593](#), [PMID:25120651](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29681454](#), [PMID:30038707](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31803961](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Miscellaneous: Direct author submission of STR profile from Girard, Luc & Gazdar, Adi F., Population: African American., 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: HCC15

Synonyms: HCC-15, HCC0015, Hamon Cancer Center 15

Cross References: CLO:CLO_0009999, EFO:EFO_0003129, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:663, BioSample:SAMN03473175, BioSample:SAMN10987789,

cancercelllines:CVCL_2057, Cell_Model_Passport:SIDM01072, Cosmic:877105, Cosmic:903625, Cosmic:1146927, Cosmic:1219058, Cosmic:1239908, Cosmic:1518094, Cosmic:1802314, Cosmic:1925846, Cosmic:2060531, Cosmic:2125188, Cosmic-CLP:1240143, DepMap:ACH-000878, DSMZ:ACC-496, DSMZCellDive:ACC-496, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:1240143, GEO:GSM62968, GEO:GSM108863, GEO:GSM108864, GEO:GSM253336, GEO:GSM434318, GEO:GSM784212, GEO:GSM784277, GEO:GSM794372, GEO:GSM817109, GEO:GSM827364, GEO:GSM887043, GEO:GSM888113, GEO:GSM1374499, GEO:GSM1669846, IARC_TP53:28297, IGRhCellID:HCC15GEO, KCLB:70015, LiGeA:CCL_031, LINCS_LDP:LCL-1604, PharmacDB:HCC15_450_2019, PRIDE:PXD030304, Progenetix:CVCL_2057, Wikidata:Q54881579

ID: CVCL_2057

Record Creation Time: 20220427T220318+0000

Record Last Update: 20260905T180217+0000

Ratings and Alerts

No rating or validation information has been found for HCC15.

No alerts have been found for HCC15.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Brady MR, et al. (2026) Macropinocytosis and Vascularization Determine Response to mTOR Inhibitors in Lung Squamous Cell Carcinoma. Cancer research, 86(5), 1166.

Hofman DA, et al. (2024) Translation of non-canonical open reading frames as a cancer cell survival mechanism in childhood medulloblastoma. Molecular cell, 84(2), 261.

DuCote TJ, et al. (2024) EZH2 Inhibition Promotes Tumor Immunogenicity in Lung Squamous Cell Carcinomas. Cancer research communications, 4(2), 388.

Hofman DA, et al. (2023) Translation of non-canonical open reading frames as a cancer cell survival mechanism in childhood medulloblastoma. bioRxiv : the preprint server for biology.

DeBlasi JM, et al. (2023) Distinct Nrf2 Signaling Thresholds Mediate Lung Tumor Initiation and Progression. Cancer research, 83(12), 1953.

Yoon SJ, et al. (2023) Comprehensive Metabolic Tracing Reveals the Origin and Catabolism of Cysteine in Mammalian Tissues and Tumors. *Cancer research*, 83(9), 1426.

Luo X, et al. (2022) Profiling of diverse tumor types establishes the broad utility of VHL-based ProTaCs and triages candidate ubiquitin ligases. *iScience*, 25(3), 103985.

Torres-Ayuso P, et al. (2021) TNIK Is a Therapeutic Target in Lung Squamous Cell Carcinoma and Regulates FAK Activation through Merlin. *Cancer discovery*, 11(6), 1411.

Kang YP, et al. (2021) Non-canonical Glutamate-Cysteine Ligase Activity Protects against Ferroptosis. *Cell metabolism*, 33(1), 174.

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.

Kang YP, et al. (2019) Cysteine dioxygenase 1 is a metabolic liability for non-small cell lung cancer. *eLife*, 8.