

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

HCC1599

RRID:CVCL_1256

Type: Cell Line

Proper Citation

RRID:CVCL_1256

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1256

Proper Citation: RRID:CVCL_1256

Description: Cell line HCC1599 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Breast ductal carcinoma

Defining Citation: [PMID:9833771](#), [PMID:11314036](#), [PMID:16959974](#), [PMID:17932254](#), [PMID:19582160](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:21778573](#), [PMID:22414580](#), [PMID:22460905](#), [PMID:24094812](#), [PMID:24176112](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25892236](#), [PMID:25960936](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:35839778](#)

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: JWGray breast cancer cell line panel., Part of: ICBP43 breast cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Triple negative breast cancer (TNBC) cell line.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HCC1599

Synonyms: HCC-1599, Hamon Cancer Center 1599

Cross References: CLO:CLO_0003641, EFO:EFO_0002186, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770,

ArrayExpress:E-MTAB-3610, ATCC:CRL-2331, BioSample:SAMN01821554, BioSample:SAMN01821628, BioSample:SAMN03471818, BioSample:SAMN10988467, cancercellines:CVCL_1256, Cell_Model_Passport:SIDM00877, ChEMBL-Cells:ChEMBL3308262, ChEMBL-Targets:ChEMBL2366063, Cosmic:749713, Cosmic:904366, Cosmic:1047710, Cosmic:1235082, Cosmic:1287887, Cosmic:1430350, Cosmic:1518112, Cosmic:1603205, Cosmic:1995426, Cosmic:2009510, Cosmic-CLP:749713, DepMap:ACH-000196, DSMZ:ACC-503, DSMZCellDive:ACC-503, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:749713, GEO:GSM186720, GEO:GSM186721, GEO:GSM186722, GEO:GSM217612, GEO:GSM350526, GEO:GSM533402, GEO:GSM533409, GEO:GSM537972, GEO:GSM783935, GEO:GSM847324, GEO:GSM847481, GEO:GSM887042, GEO:GSM888112, GEO:GSM1053706, GEO:GSM1172868, GEO:GSM1401655, GEO:GSM1669849, IARC_TP53:21362, IGRhCellID:HCC1599, LiGeA:CCLE_632, LINCS_HMS:50580, LINCS_LDP:LCL-1326, PharmacoDB:HCC1599_482_2019, PRIDE:PXD000309, PRIDE:PXD008222, PRIDE:PXD030304, Progenetix:CVCL_1256, PubChem_Cell_line:CVCL_1256, Wikidata:Q54881591

ID: CVCL_1256

Record Creation Time: 20220427T220318+0000

Record Last Update: 20260913T003950+0000

Ratings and Alerts

No rating or validation information has been found for HCC1599.

No alerts have been found for HCC1599.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Yuan Y, et al. (2025) ??B-crystallin enhances radioresistance in basal-like breast cancer cells by suppressing caspase-3 activation. Science progress, 108(2), 368504251343177.

Lin WD, et al. (2024) A novel long non-coding RNA MIR4500HG003 promotes tumor metastasis through miR-483-3p-MMP9 axis in triple-negative breast cancer. Cell death & disease, 15(5), 310.

Lin CH, et al. (2023) Carboxyl-terminal modulator protein facilitates tumor metastasis in triple-negative breast cancer. Cancer gene therapy, 30(3), 404.

Tognetti M, et al. (2021) Deciphering the signaling network of breast cancer improves drug sensitivity prediction. *Cell systems*, 12(5), 401.

Kim JJ, et al. (2020) PCAF-Mediated Histone Acetylation Promotes Replication Fork Degradation by MRE11 and EXO1 in BRCA-Deficient Cells. *Molecular cell*, 80(2), 327.

Struntz NB, et al. (2019) Stabilization of the Max Homodimer with a Small Molecule Attenuates Myc-Driven Transcription. *Cell chemical biology*, 26(5), 711.