Resource Summary Report

Generated by NIF on Aug 30, 2026

HCC1937

RRID:CVCL_0290
Type: Cell Line

Proper Citation

RRID:CVCL_0290

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0290

Proper Citation: RRID:CVCL_0290

Description: Cell line HCC1937 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Breast ductal carcinoma

Defining Citation: PMID:9699648, PMID:9833771, PMID:9865903, PMID:10635334, PMID:11314036, PMID:12353263, PMID:12419185, PMID:12800145, PMID:14762065, PMID:15162061, PMID:16397213, PMID:16541312, PMID:16959974, PMID:17157791, PMID:17334996, PMID:17932254, PMID:19582160, PMID:19593635, PMID:20070913, PMID:20215515, PMID:21778573, PMID:22032724, PMID:22414580, PMID:22460905, PMID:22585861, PMID:23151021, PMID:23601657, PMID:24094812, PMID:24162158, PMID:24176112, PMID:25485619, PMID:25576301, PMID:25877200, PMID:25892236, PMID:25960936, PMID:26589293, PMID:27397505, PMID:28196595, PMID:28287265, PMID:28889351, PMID:29273624, PMID:30894373, PMID:30971826, PMID:31068700, PMID:31978347, PMID:34339474, 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: KuDOS 95 cell line panel., 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: HCC1937

Synonyms: Hcc1937, HCC-1937, HCC/1937, Hamon Cancer Center 1937

Cross References: BTO:BTO_0003323, CLO:CLO_0003645, EFO:EFO_0001174, MCCL:MCC:0000180, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-TABM-157, ATCC:CRL-2336, BCRJ:0387, BioGRID_ORCS_Cell_line:427, BioSample:SAMN01821555, BioSample:SAMN01821629, BioSample:SAMN03473202, BioSample:SAMN05292445, BioSample:SAMN10987920, cancercelllines:CVCL_0290, CCRID:1101HUM-PUMC000471, CCRID:3101HUMTCHu148, CCRID:5301HUM-KCB09044YJ, Cell_Model_Passport:SIDM00874, ChEMBL-Cells:CHEMBL3308371, ChEMBL-Targets:CHEMBL1075458, CLS:305064, Cosmic:749714, Cosmic:904368, Cosmic:1007153, Cosmic:1046927, Cosmic:1047704, Cosmic:1176626, Cosmic:1235083, Cosmic:1287892, Cosmic:1289389, Cosmic:1309007, Cosmic:1430351, Cosmic:1460235, Cosmic:1472999, Cosmic:1518113, Cosmic:1603207, Cosmic:1995427, Cosmic:2009511, Cosmic:2164992, Cosmic-CLP:749714, DepMap:ACH-000223, DSMZ:ACC-513, DSMZCellDive:ACC-513, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:749714, GEO:GSM155209, GEO:GSM185079, GEO:GSM185080, GEO:GSM186723, GEO:GSM217577, GEO:GSM219873, GEO:GSM274654, GEO:GSM344367, GEO:GSM344417, GEO:GSM350544, GEO:GSM378151, GEO:GSM421867, GEO:GSM459723, GEO:GSM481301, GEO:GSM533403, GEO:GSM533410, GEO:GSM537973, GEO:GSM783936, GEO:GSM783943, GEO:GSM847340, GEO:GSM887045, GEO:GSM888115, GEO:GSM1008900, GEO:GSM1053709, GEO:GSM1172870, GEO:GSM1172961, GEO:GSM1214588, GEO:GSM1238126, GEO:GSM1374506, GEO:GSM1374507, GEO:GSM1401668, GEO:GSM1669851, GEO:GSM2258902, GEO:GSM2258903, GEO:GSM2258904, GEO:GSM2258905, GEO:GSM2258906, GEO:GSM2258907, GEO:GSM2258908, GEO:GSM2258909, GEO:GSM2258910, GEO:GSM2258911, GEO:GSM2258912, GEO:GSM2258913, GEO:GSM2258914, GEO:GSM2258915, GEO:GSM2258916, GEO:GSM2258917, GEO:GSM2258918, GEO:GSM2258919, GEO:GSM2258926, GEO:GSM2258927, GEO:GSM2258928, IARC_TP53:10102, IARC_TP53:10274, IGRhCellID:HCC1937, KCB:KCB 200944YJ, KCLB:9S1937, LiGeA:CCLE_424, LINCS_HMS:50212, LINCS_LDP:LCL-1331, Lonza:905, MetaboLights:MTBLS337, PharmacoDB:HCC1937_485_2019, PRIDE:PXD000309, PRIDE:PXD000394, PRIDE:PXD005295, PRIDE:PXD008222, PRIDE:PXD030304, Progenetix:CVCL_0290, PubChem_Cell_line:CVCL_0290, SLKBase:3539, TOKU-E:1402, Wikidata:Q28872477

ID: CVCL_0290

Record Creation Time: 20220427T220318+0000

Record Last Update: 20260829T233627+0000

Ratings and Alerts

No rating or validation information has been found for HCC1937.

No alerts have been found for HCC1937.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 1097 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Cassese M, et al. (2026) LAT1/SLC7A5-mediated amino acid uptake is regulated by redox signals triggered by formyl-peptide receptor 2. The FEBS journal, 293(9), 2637.

Tong Q, et al. (2026) Detachment-Induced FAK-STAT3-NNMT Inhibits CTCs Anoikis to Promote Breast Cancer Metastasis by Enhancing Fatty Acid Oxidation. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(29), e22837.

Schreuder A, et al. (2026) Finding novel vulnerabilities of hypomorphic BRCA1 alleles. Molecular oncology.

Hajirahimkhan A, et al. (2026) Reprogramming SREBP1-dependent lipogenesis and inflammation in high-risk breast with licochalcone A: A novel path to cancer prevention. International journal of cancer, 158(7), 1927.

Hu X, et al. (2026) Immune gene diversity and STING1 variants in shaping cancer immunity across different genetic ancestry populations. Cell reports, 45(2), 116882.

Raab A, et al. (2026) Allogeneic Immune Cell Perfusion Inhibits the Growth of Vascularized 3D In Vitro Tumor Models, Induces Vascular Regression and Desmoplasia, but Promotes Tumor Cell Invasion. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(22), e14361.

Esmaeilishirazifard E, et al. (2026) Real-time cell viability monitoring for high-throughput drug screening using tumor xenograft-derived cells. Cell reports methods, 6(7), 101464.

Bai Y, et al. (2026) Epigenetic Regulation of Chromosomal Instability by EZH2 Methyltransferase. Cancer discovery, 16(1), 135.

Yuan M, et al. (2026) Triple-Negative Breast Cancer Cells Utilize IL8 and CXCL1 to Suppress NK Cells' Function and Facilitate Cancer Metastasis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e75655.

Li K, et al. (2026) The GATA3-RFPL3-ASK1 axis suppresses breast cancer growth and lung metastasis. Apoptosis : an international journal on programmed cell death, 31(4).

Zhao L, et al. (2026) Integrative Genomic Analysis Identifies MAGT1 as a Key Regulator of Proliferation and Poor Prognosis in Breast Cancer. Human mutation, 2026, 8673018.

Jia L, et al. (2026) EFO2 promotes triple-negative breast cancer progression and reduces CD8+ T cell-mediated killing by acetylating USF1 to enhance SLC2A1-mediated glycolysis. Biochemical pharmacology, 253(Pt 1), 118260.

Singh D, et al. (2026) Antibody-Mediated Targeting of Secretory Protein SCUBE3 Suppresses Cancer Progression by Inhibiting Oncogenic Signaling and Inducing Antitumor Immunity. Cancer research, 86(5), 1252.

Mendoza N, et al. (2026) Chemical Constituents of Taxodium mucronatum (Cupressaceae) and Some of Its Endophytic Fungi, and Their In Silico and In Vitro Evaluations as SARS-CoV-2 Inhibitors and as Cytotoxic Agents. Chemistry & biodiversity, 23(3), e03702.

Zhang J, et al. (2026) Cancer genome standards for long-read sequencing using cancer cell line mixtures. GigaScience, 15.

Watlington WK, et al. (2026) Inhibition of cyclin-dependent kinases 12/13 using CT7439 as a treatment for colorectal cancer with CDK12 upregulation. Molecular oncology.

Yuan L, et al. (2025) STEAP3 promotes triple-negative breast cancer growth through the FGFR1-mediated activation of PI3K/AKT/mTOR signaling. iScience, 28(6), 112526.

Zhang Y, et al. (2025) Immune targeting of triple-negative breast cancer through a clinically actionable STING agonist-CAR T cell platform. Cell reports. Medicine, 6(7), 102198.

Pinho MP, et al. (2025) Tumor-specific CD8 T cell characterization in HR+ breast cancer reveals an impaired antitumoral response in patients with lymph node metastasis. Cell reports. Medicine, 6(8), 102252.

Han C, et al. (2025) CAMSAP3 Suppresses Breast Cancer Metastasis and Serves as an Independent Prognostic Marker. Technology in cancer research & treatment, 24, 15330338251381866.