

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

Hep-G2

RRID:CVCL_0027

Type: Cell Line

Proper Citation

RRID:CVCL_0027

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0027

Proper Citation: RRID:CVCL_0027

Description: Cell line Hep-G2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Hepatoblastoma

Defining Citation: [PMID:233137](#), [PMID:2439335](#), [PMID:6248960](#), [PMID:6288577](#), [PMID:7972006](#), [PMID:8050184](#), [PMID:8224613](#), [PMID:8384076](#), [PMID:8389256](#), [PMID:8835345](#), [PMID:9178645](#), [PMID:9359923](#), [PMID:11050057](#), [PMID:11416159](#), [PMID:11981770](#), [PMID:12029633](#), [PMID:12068308](#), [PMID:14980111](#), [PMID:15767549](#), [PMID:16181800](#), [PMID:16935386](#), [PMID:16957166](#), [PMID:17254797](#), [PMID:19215227](#), [PMID:19751877](#), [PMID:20069059](#), [PMID:20215515](#), [PMID:20228232](#), [PMID:20937217](#), [PMID:21269460](#), [PMID:22278370](#), [PMID:22460905](#), [PMID:23325432](#), [PMID:23505090](#), [PMID:23887712](#), [PMID:24116068](#), [PMID:24618588](#), [PMID:25485619](#), [PMID:25574106](#), [PMID:25877200](#), [PMID:25960936](#), [PMID:26160117](#), [PMID:26589293](#), [PMID:26825538](#), [PMID:27027780](#), [PMID:27329724](#), [PMID:27470094](#), [PMID:28196595](#), [PMID:29610054](#), [PMID:29660373](#), [PMID:30629668](#), [PMID:30864654](#), [PMID:30894373](#), [PMID:31063779](#), [PMID:31068700](#), [PMID:31378681](#), [PMID:31395879](#), [PMID:31561354](#), [PMID:31978347](#), [PMID:32471280](#), [PMID:32899426](#), [PMID:34320349](#)

Comments: Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 1., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877).., Group: Patented cell line.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: Hep-G2

Synonyms: HEP-G2, Hep G2, HEP G2, HepG2, HEPG2

Cross References: BTO:BTO_0000599, CLO:CLO_0003704, CLO:CLO_0003713, CLO:CLO_0050856, CLO:CLO_0050858, EFO:EFO_0001187, MCCL:MCC:0000222, CLDB:cl1635, CLDB:cl1636, CLDB:cl1637, CLDB:cl1638, CLDB:cl1639, CLDB:cl1641, CLDB:cl1642, CLDB:cl1643, CLDB:cl1644, CLDB:cl4910, Abcam:ab257304, Abcam:ab275467, AddexBio:C0015002/46, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-6919, ATCC:HB-8065, BCRC:60025, BCRJ:0103, BioGRID_ORCS_Cell_line:809, BioSample:SAMN01821557, BioSample:SAMN01821681, BioSample:SAMN03472183, BioSample:SAMN10988201, cancercellines:CVCL_0027, CCRID:1101HUM-PUMC000035, CCRID:3101HUMSCSP510, CCRID:3101HUMTCHu72, CCRID:4201HUM-CCTCC00024, CCRID:5301HUM-KCB05007YJ, CCTCC:GDC0024, Cell_Model_Passport:SIDM00904, CGH-DB:9068-4, ChEMBL-Cells:ChEMBL3307718, ChEMBL-Targets:ChEMBL395, CLS:300198, Cosmic:690746, Cosmic:724821, Cosmic:852774, Cosmic:869169, Cosmic:869298, Cosmic:871510, Cosmic:873392, Cosmic:873713, Cosmic:928138, Cosmic:932989, Cosmic:934550, Cosmic:945158, Cosmic:948062, Cosmic:979732, Cosmic:999850, Cosmic:1060080, Cosmic:1187331, Cosmic:1351511, Cosmic:1499246, Cosmic:1518227, Cosmic:1628386, Cosmic:2162525, Cosmic:2301556, Cosmic:2321029, Cosmic:2560244, Cosmic:2668285, Cosmic:2674233, Cosmic:2773180, DepMap:ACH-000739, DSMZ:ACC-180, DSMZCellDive:ACC-180, ECACC:85011430, EGA:EGAS00001000610, ENCODE:ENCBS002KIX, ENCODE:ENCBS005KKO, ENCODE:ENCBS005NKZ, ENCODE:ENCBS006INV, ENCODE:ENCBS009AVS, ENCODE:ENCBS011BYX, ENCODE:ENCBS011NDE, ENCODE:ENCBS012DTZ, ENCODE:ENCBS013LLU, ENCODE:ENCBS015PAC, ENCODE:ENCBS016WDR, ENCODE:ENCBS017VYZ, ENCODE:ENCBS018BAD, ENCODE:ENCBS018WXY, ENCODE:ENCBS019LAC, ENCODE:ENCBS019QTJ, ENCODE:ENCBS019XED, ENCODE:ENCBS020YDI, ENCODE:ENCBS021UTC, ENCODE:ENCBS023JBH, ENCODE:ENCBS024EHA, ENCODE:ENCBS025AAW, ENCODE:ENCBS030GWA, ENCODE:ENCBS030ZIT, ENCODE:ENCBS033QJG, ENCODE:ENCBS034ENA, ENCODE:ENCBS034PYO, ENCODE:ENCBS035IIS, ENCODE:ENCBS038OUO, ENCODE:ENCBS038ZQB, ENCODE:ENCBS039DPC, ENCODE:ENCBS039XPI, ENCODE:ENCBS040DES, ENCODE:ENCBS040EJF, ENCODE:ENCBS040QBA, ENCODE:ENCBS041GAW, ENCODE:ENCBS042JDA, ENCODE:ENCBS044VWV, ENCODE:ENCBS045GOD, ENCODE:ENCBS045OVM, ENCODE:ENCBS048XFP, ENCODE:ENCBS049KBY, ENCODE:ENCBS049QKG, ENCODE:ENCBS049RJI, ENCODE:ENCBS051IBT, ENCODE:ENCBS053QGR, ENCODE:ENCBS053TZY, ENCODE:ENCBS055KDL, ENCODE:ENCBS056VWP, ENCODE:ENCBS060DQW, ENCODE:ENCBS061GMD, ENCODE:ENCBS061GZI, ENCODE:ENCBS063CQL, ENCODE:ENCBS063KED, ENCODE:ENCBS065LQD, ENCODE:ENCBS066SAB, ENCODE:ENCBS066SXT, ENCODE:ENCBS067QSF, ENCODE:ENCBS068DNA, ENCODE:ENCBS070YKP, ENCODE:ENCBS072JEO, ENCODE:ENCBS074GMS, ENCODE:ENCBS074IZI, ENCODE:ENCBS074PUV, ENCODE:ENCBS074YUC, ENCODE:ENCBS075HYT, ENCODE:ENCBS076HTW, ENCODE:ENCBS077CZP, ENCODE:ENCBS077NMC, ENCODE:ENCBS085GSG, ENCODE:ENCBS085IZZ,

ENCODE:ENCBS086PXC, ENCODE:ENCBS086XEN, ENCODE:ENCBS087QWF,
ENCODE:ENCBS088KUZ, ENCODE:ENCBS089VZP, ENCODE:ENCBS091JMF,
ENCODE:ENCBS093QOO, ENCODE:ENCBS096XGH, ENCODE:ENCBS101LFX,
ENCODE:ENCBS101OYY, ENCODE:ENCBS103LSZ, ENCODE:ENCBS104QEK,
ENCODE:ENCBS106DQT, ENCODE:ENCBS108PEU, ENCODE:ENCBS109EEN,
ENCODE:ENCBS110FVC, ENCODE:ENCBS111IHC, ENCODE:ENCBS113GKP,
ENCODE:ENCBS114ENC, ENCODE:ENCBS114MFP, ENCODE:ENCBS116IFC,
ENCODE:ENCBS116LNU, ENCODE:ENCBS117BTL, ENCODE:ENCBS118LZR,
ENCODE:ENCBS120JBW, ENCODE:ENCBS121IFK, ENCODE:ENCBS121QNT,
ENCODE:ENCBS122WEH, ENCODE:ENCBS127GXY, ENCODE:ENCBS129BNW,
ENCODE:ENCBS130RRG, ENCODE:ENCBS132XIH, ENCODE:ENCBS133GYV,
ENCODE:ENCBS134OGP, ENCODE:ENCBS135IEJ, ENCODE:ENCBS135KID,
ENCODE:ENCBS136HQP, ENCODE:ENCBS137REJ, ENCODE:ENCBS138OWD,
ENCODE:ENCBS141IFN, ENCODE:ENCBS142FZQ, ENCODE:ENCBS143CPJ,
ENCODE:ENCBS143EIV, ENCODE:ENCBS144MRF, ENCODE:ENCBS145HYP,
ENCODE:ENCBS145YLE, ENCODE:ENCBS147BEL, ENCODE:ENCBS148AQX,
ENCODE:ENCBS148BFZ, ENCODE:ENCBS149ZGY, ENCODE:ENCBS150SBN,
ENCODE:ENCBS151OFF, ENCODE:ENCBS152RQC, ENCODE:ENCBS157CAN,
ENCODE:ENCBS157PJQ, ENCODE:ENCBS158MMF, ENCODE:ENCBS158NUW,
ENCODE:ENCBS164KGU, ENCODE:ENCBS171TJQ, ENCODE:ENCBS172NZN,
ENCODE:ENCBS173ACT, ENCODE:ENCBS175ALJ, ENCODE:ENCBS176LHZ,
ENCODE:ENCBS178ASF, ENCODE:ENCBS180AZS, ENCODE:ENCBS180QVY,
ENCODE:ENCBS180UZG, ENCODE:ENCBS181KHF, ENCODE:ENCBS183QJT,
ENCODE:ENCBS192GTP, ENCODE:ENCBS194AMD, ENCODE:ENCBS197XGU,
ENCODE:ENCBS199RMB, ENCODE:ENCBS199ZPD, ENCODE:ENCBS200OKV,
ENCODE:ENCBS201IDJ, ENCODE:ENCBS202CLF, ENCODE:ENCBS204FOO,
ENCODE:ENCBS204QRM, ENCODE:ENCBS205JEO, ENCODE:ENCBS207OWT,
ENCODE:ENCBS208CBB, ENCODE:ENCBS210MLW, ENCODE:ENCBS210TEK,
ENCODE:ENCBS213GIX, ENCODE:ENCBS217MRJ, ENCODE:ENCBS218GVF,
ENCODE:ENCBS218PEV, ENCODE:ENCBS221OJT, ENCODE:ENCBS222ZOM,
ENCODE:ENCBS224CAS, ENCODE:ENCBS224IXA, ENCODE:ENCBS224OGG,
ENCODE:ENCBS225ERF, ENCODE:ENCBS226JWQ, ENCODE:ENCBS228TBM,
ENCODE:ENCBS230TCM, ENCODE:ENCBS231CTX, ENCODE:ENCBS232MEB,
ENCODE:ENCBS233NIP, ENCODE:ENCBS236NEP, ENCODE:ENCBS237FEL,
ENCODE:ENCBS237TGJ, ENCODE:ENCBS239AGG, ENCODE:ENCBS242YTF,
ENCODE:ENCBS243GXZ, ENCODE:ENCBS246HTK, ENCODE:ENCBS248XEV,
ENCODE:ENCBS250DDC, ENCODE:ENCBS250EAA, ENCODE:ENCBS250QAH,
ENCODE:ENCBS252ZVH, ENCODE:ENCBS253SJT, ENCODE:ENCBS254GTY,
ENCODE:ENCBS254RNF, ENCODE:ENCBS257TYR, ENCODE:ENCBS257WFM,
ENCODE:ENCBS258IBQ, ENCODE:ENCBS260QIN, ENCODE:ENCBS260UFW,
ENCODE:ENCBS261BDP, ENCODE:ENCBS263MSZ, ENCODE:ENCBS266IRW,
ENCODE:ENCBS267AEP, ENCODE:ENCBS269MQH, ENCODE:ENCBS269MQV,
ENCODE:ENCBS269TMY, ENCODE:ENCBS269UBV, ENCODE:ENCBS270KOG,
ENCODE:ENCBS271FCJ, ENCODE:ENCBS271WON, ENCODE:ENCBS272IWF,
ENCODE:ENCBS273MKT, ENCODE:ENCBS275NVW, ENCODE:ENCBS280KDG,
ENCODE:ENCBS281JZX, ENCODE:ENCBS282XVK, ENCODE:ENCBS285EHM,
ENCODE:ENCBS287NGC, ENCODE:ENCBS287RQP, ENCODE:ENCBS289AAB,
ENCODE:ENCBS289IAE, ENCODE:ENCBS292XKE, ENCODE:ENCBS294TYB,
ENCODE:ENCBS295BTT, ENCODE:ENCBS295NFS, ENCODE:ENCBS296ABO,
ENCODE:ENCBS296SQC, ENCODE:ENCBS296VMM, ENCODE:ENCBS297BHJ,

ENCODE:ENCBS299YGH, ENCODE:ENCBS300GHC, ENCODE:ENCBS300YFU,
ENCODE:ENCBS301IGN, ENCODE:ENCBS301LDQ, ENCODE:ENCBS303VDB,
ENCODE:ENCBS306CIA, ENCODE:ENCBS307OQZ, ENCODE:ENCBS308ZPA,
ENCODE:ENCBS309MNT, ENCODE:ENCBS310TGK, ENCODE:ENCBS311FWL,
ENCODE:ENCBS313GMZ, ENCODE:ENCBS313IHS, ENCODE:ENCBS314VPT,
ENCODE:ENCBS315MGA, ENCODE:ENCBS315PDD, ENCODE:ENCBS319FAN,
ENCODE:ENCBS321SWI, ENCODE:ENCBS322SEN, ENCODE:ENCBS333JNJ,
ENCODE:ENCBS334CNK, ENCODE:ENCBS335TOC, ENCODE:ENCBS336RRO,
ENCODE:ENCBS337HXQ, ENCODE:ENCBS337WJM, ENCODE:ENCBS337WWP,
ENCODE:ENCBS338VUB, ENCODE:ENCBS339GWD, ENCODE:ENCBS339SIT,
ENCODE:ENCBS341ITG, ENCODE:ENCBS342VWN, ENCODE:ENCBS344JWL,
ENCODE:ENCBS344VFK, ENCODE:ENCBS346DEZ, ENCODE:ENCBS346EFV,
ENCODE:ENCBS349HZS, ENCODE:ENCBS351JCJ, ENCODE:ENCBS352ZNU,
ENCODE:ENCBS354HQB, ENCODE:ENCBS354PIF, ENCODE:ENCBS354ZLY,
ENCODE:ENCBS356MOV, ENCODE:ENCBS357UNN, ENCODE:ENCBS358XLG,
ENCODE:ENCBS362ASG, ENCODE:ENCBS363GXU, ENCODE:ENCBS366VYI,
ENCODE:ENCBS367TIL, ENCODE:ENCBS374CKM, ENCODE:ENCBS375JNA,
ENCODE:ENCBS380ZOW, ENCODE:ENCBS381BBR, ENCODE:ENCBS385LUB,
ENCODE:ENCBS399FDJ, ENCODE:ENCBS399GAF, ENCODE:ENCBS399MFO,
ENCODE:ENCBS400CWC, ENCODE:ENCBS401LBP, ENCODE:ENCBS402BUA,
ENCODE:ENCBS402VZL, ENCODE:ENCBS403UGF, ENCODE:ENCBS404EOZ,
ENCODE:ENCBS405FLI, ENCODE:ENCBS405JBR, ENCODE:ENCBS408JNN,
ENCODE:ENCBS408PDS, ENCODE:ENCBS409PKR, ENCODE:ENCBS409RQS,
ENCODE:ENCBS413HHW, ENCODE:ENCBS415VLW, ENCODE:ENCBS416UEF,
ENCODE:ENCBS416YET, ENCODE:ENCBS421OZB, ENCODE:ENCBS422FYC,
ENCODE:ENCBS423OQV, ENCODE:ENCBS423ZZH, ENCODE:ENCBS425BJH,
ENCODE:ENCBS425CUD, ENCODE:ENCBS429YJD, ENCODE:ENCBS430PSA,
ENCODE:ENCBS431NPJ, ENCODE:ENCBS433CTJ, ENCODE:ENCBS433TIQ,
ENCODE:ENCBS433UJJ, ENCODE:ENCBS435MPV, ENCODE:ENCBS435NIB,
ENCODE:ENCBS435NSE, ENCODE:ENCBS437FDB, ENCODE:ENCBS437UIO,
ENCODE:ENCBS440GZN, ENCODE:ENCBS440MJL, ENCODE:ENCBS441XTP,
ENCODE:ENCBS443JPP, ENCODE:ENCBS444MVG, ENCODE:ENCBS444QIJ,
ENCODE:ENCBS446KHP, ENCODE:ENCBS447JNO, ENCODE:ENCBS449AIA,
ENCODE:ENCBS449LCQ, ENCODE:ENCBS453TYZ, ENCODE:ENCBS455OVD,
ENCODE:ENCBS456NEZ, ENCODE:ENCBS458WEZ, ENCODE:ENCBS463HNE,
ENCODE:ENCBS464VEI, ENCODE:ENCBS465DEI, ENCODE:ENCBS466PDL,
ENCODE:ENCBS466ZIX, ENCODE:ENCBS467HWM, ENCODE:ENCBS467XVF,
ENCODE:ENCBS470TSC, ENCODE:ENCBS470XDJ, ENCODE:ENCBS471DUZ,
ENCODE:ENCBS471EIZ, ENCODE:ENCBS472BZM, ENCODE:ENCBS474AND,
ENCODE:ENCBS475AHQ, ENCODE:ENCBS476TPW, ENCODE:ENCBS479IBT,
ENCODE:ENCBS479RLA, ENCODE:ENCBS481IVE, ENCODE:ENCBS483WGW,
ENCODE:ENCBS484TBT, ENCODE:ENCBS485OKN, ENCODE:ENCBS486CUL,
ENCODE:ENCBS486YWI, ENCODE:ENCBS487KTY, ENCODE:ENCBS487SZV,
ENCODE:ENCBS488HLS, ENCODE:ENCBS488UTE, ENCODE:ENCBS489ZQI,
ENCODE:ENCBS491TZK, ENCODE:ENCBS492SDY, ENCODE:ENCBS495SHD,
ENCODE:ENCBS497AGN, ENCODE:ENCBS501AJE, ENCODE:ENCBS501FGJ,
ENCODE:ENCBS502APU, ENCODE:ENCBS502FPQ, ENCODE:ENCBS503ZYE,
ENCODE:ENCBS504IUW, ENCODE:ENCBS504VHS, ENCODE:ENCBS505LMC,
ENCODE:ENCBS506FKT, ENCODE:ENCBS508YFO, ENCODE:ENCBS510FFO,
ENCODE:ENCBS511ZQV, ENCODE:ENCBS515IJA, ENCODE:ENCBS515KQV,

ENCODE:ENCBS516TKV, ENCODE:ENCBS520MGH, ENCODE:ENCBS522AAA,
ENCODE:ENCBS523AAA, ENCODE:ENCBS524YUI, ENCODE:ENCBS525TLA,
ENCODE:ENCBS530ENF, ENCODE:ENCBS530LIV, ENCODE:ENCBS530VUT,
ENCODE:ENCBS531RMF, ENCODE:ENCBS533IVT, ENCODE:ENCBS537ADD,
ENCODE:ENCBS540JSU, ENCODE:ENCBS540MOP, ENCODE:ENCBS541YFT,
ENCODE:ENCBS542DRS, ENCODE:ENCBS542YDW, ENCODE:ENCBS544ETZ,
ENCODE:ENCBS544WQP, ENCODE:ENCBS546FZO, ENCODE:ENCBS547FPL,
ENCODE:ENCBS547JWV, ENCODE:ENCBS548DDM, ENCODE:ENCBS548DJV,
ENCODE:ENCBS550FNB, ENCODE:ENCBS550RQC, ENCODE:ENCBS551CUU,
ENCODE:ENCBS551DVZ, ENCODE:ENCBS551QFT, ENCODE:ENCBS553PEJ,
ENCODE:ENCBS554TEZ, ENCODE:ENCBS555BYF, ENCODE:ENCBS555IZN,
ENCODE:ENCBS556YSM, ENCODE:ENCBS557NDG, ENCODE:ENCBS560TQP,
ENCODE:ENCBS561LQQ, ENCODE:ENCBS562WV, ENCODE:ENCBS571XTM,
ENCODE:ENCBS573EMA, ENCODE:ENCBS573OLZ, ENCODE:ENCBS574ZRE,
ENCODE:ENCBS575HTN, ENCODE:ENCBS575NGC, ENCODE:ENCBS576NFP,
ENCODE:ENCBS577XCP, ENCODE:ENCBS579HCA, ENCODE:ENCBS581BGT,
ENCODE:ENCBS581REI, ENCODE:ENCBS582KNJ, ENCODE:ENCBS582REX,
ENCODE:ENCBS590WTW, ENCODE:ENCBS591PPP, ENCODE:ENCBS595FPT,
ENCODE:ENCBS598VSF, ENCODE:ENCBS599QJL, ENCODE:ENCBS600ITX,
ENCODE:ENCBS604BAZ, ENCODE:ENCBS607IVB, ENCODE:ENCBS608AFV,
ENCODE:ENCBS608OON, ENCODE:ENCBS610IGG, ENCODE:ENCBS610UML,
ENCODE:ENCBS611LWG, ENCODE:ENCBS611PFD, ENCODE:ENCBS611WLI,
ENCODE:ENCBS612GBT, ENCODE:ENCBS614CMA, ENCODE:ENCBS619EOB,
ENCODE:ENCBS619OWS, ENCODE:ENCBS621TAB, ENCODE:ENCBS623BZF,
ENCODE:ENCBS623OHX, ENCODE:ENCBS623YQT, ENCODE:ENCBS624DUS,
ENCODE:ENCBS624MLL, ENCODE:ENCBS626BOT, ENCODE:ENCBS628IQK,
ENCODE:ENCBS628MMK, ENCODE:ENCBS628ONB, ENCODE:ENCBS632SNG,
ENCODE:ENCBS634THO, ENCODE:ENCBS635NSH, ENCODE:ENCBS636ANV,
ENCODE:ENCBS637UJM, ENCODE:ENCBS638AAA, ENCODE:ENCBS638ASL,
ENCODE:ENCBS638MWB, ENCODE:ENCBS641AVI, ENCODE:ENCBS644PWW,
ENCODE:ENCBS644SVK, ENCODE:ENCBS645YGY, ENCODE:ENCBS646RDV,
ENCODE:ENCBS648DPW, ENCODE:ENCBS650CRD, ENCODE:ENCBS650SLE,
ENCODE:ENCBS654ERN, ENCODE:ENCBS656AXT, ENCODE:ENCBS662HXP,
ENCODE:ENCBS662TZZ, ENCODE:ENCBS664KGZ, ENCODE:ENCBS664MRR,
ENCODE:ENCBS665IBY, ENCODE:ENCBS665LZL, ENCODE:ENCBS667BFL,
ENCODE:ENCBS667GKM, ENCODE:ENCBS668RFG, ENCODE:ENCBS669DWT,
ENCODE:ENCBS670FFG, ENCODE:ENCBS671AAA, ENCODE:ENCBS671WOF,
ENCODE:ENCBS672AAA, ENCODE:ENCBS672UJA, ENCODE:ENCBS673AAA,
ENCODE:ENCBS673ABW, ENCODE:ENCBS674AAA, ENCODE:ENCBS675AAA,
ENCODE:ENCBS676AAA, ENCODE:ENCBS680YLF, ENCODE:ENCBS684ULB,
ENCODE:ENCBS686ZOG, ENCODE:ENCBS689DEE, ENCODE:ENCBS690KCY,
ENCODE:ENCBS692AEI, ENCODE:ENCBS692BSS, ENCODE:ENCBS692HLB,
ENCODE:ENCBS694IAG, ENCODE:ENCBS696KRJ, ENCODE:ENCBS696RMN,
ENCODE:ENCBS697FZF, ENCODE:ENCBS697NJJ, ENCODE:ENCBS699OCX,
ENCODE:ENCBS702HBU, ENCODE:ENCBS702PRB, ENCODE:ENCBS704AVG,
ENCODE:ENCBS704TEF, ENCODE:ENCBS704YEM, ENCODE:ENCBS705HMQ,
ENCODE:ENCBS705NHL, ENCODE:ENCBS706BWK, ENCODE:ENCBS712AAA,
ENCODE:ENCBS713BFI, ENCODE:ENCBS713IGS, ENCODE:ENCBS714CLI,
ENCODE:ENCBS715MWV, ENCODE:ENCBS715WYI, ENCODE:ENCBS716VBH,
ENCODE:ENCBS716YFX, ENCODE:ENCBS717MSF, ENCODE:ENCBS717QJM,

ENCODE:ENCBS718VVA, ENCODE:ENCBS719JYV, ENCODE:ENCBS719OUD,
ENCODE:ENCBS720SBS, ENCODE:ENCBS721RXI, ENCODE:ENCBS722LIJ,
ENCODE:ENCBS722TNF, ENCODE:ENCBS727GLB, ENCODE:ENCBS727VRH,
ENCODE:ENCBS729TZG, ENCODE:ENCBS730DQI, ENCODE:ENCBS731WFK,
ENCODE:ENCBS732KTS, ENCODE:ENCBS732PJR, ENCODE:ENCBS734JXY,
ENCODE:ENCBS734KAG, ENCODE:ENCBS738ADY, ENCODE:ENCBS739HLB,
ENCODE:ENCBS739PTC, ENCODE:ENCBS740FAU, ENCODE:ENCBS740NNE,
ENCODE:ENCBS740QWK, ENCODE:ENCBS741AAA, ENCODE:ENCBS741RGH,
ENCODE:ENCBS741YEQ, ENCODE:ENCBS742AAA, ENCODE:ENCBS742SWZ,
ENCODE:ENCBS743AAA, ENCODE:ENCBS743JKX, ENCODE:ENCBS743RUU,
ENCODE:ENCBS743ZMW, ENCODE:ENCBS744AAA, ENCODE:ENCBS745AAA,
ENCODE:ENCBS745AQT, ENCODE:ENCBS745UGC, ENCODE:ENCBS746AAA,
ENCODE:ENCBS747KOI, ENCODE:ENCBS747MTP, ENCODE:ENCBS748YQE,
ENCODE:ENCBS749JUQ, ENCODE:ENCBS751GYX, ENCODE:ENCBS751KWS,
ENCODE:ENCBS753KCK, ENCODE:ENCBS754KRB, ENCODE:ENCBS755JGR,
ENCODE:ENCBS755NZH, ENCODE:ENCBS756FJO, ENCODE:ENCBS757QFO,
ENCODE:ENCBS760ISV, ENCODE:ENCBS762HAX, ENCODE:ENCBS763BBP,
ENCODE:ENCBS765FVI, ENCODE:ENCBS767KUR, ENCODE:ENCBS767MPH,
ENCODE:ENCBS767YCA, ENCODE:ENCBS768GCL, ENCODE:ENCBS768ZGL,
ENCODE:ENCBS771QGO, ENCODE:ENCBS773AAA, ENCODE:ENCBS773GMP,
ENCODE:ENCBS774QLP, ENCODE:ENCBS775MDU, ENCODE:ENCBS775NGD,
ENCODE:ENCBS775RGP, ENCODE:ENCBS777STD, ENCODE:ENCBS777UEV,
ENCODE:ENCBS777VZC, ENCODE:ENCBS778JAH, ENCODE:ENCBS778LCM,
ENCODE:ENCBS779XEH, ENCODE:ENCBS780BKX, ENCODE:ENCBS780HTG,
ENCODE:ENCBS781AWJ, ENCODE:ENCBS781BOJ, ENCODE:ENCBS781RAA,
ENCODE:ENCBS782BXQ, ENCODE:ENCBS783AYY, ENCODE:ENCBS783PVI,
ENCODE:ENCBS783YSP, ENCODE:ENCBS786WUO, ENCODE:ENCBS787BXG,
ENCODE:ENCBS787RAZ, ENCODE:ENCBS789ZNN, ENCODE:ENCBS791ETZ,
ENCODE:ENCBS791FZV, ENCODE:ENCBS793GXQ, ENCODE:ENCBS798HNT,
ENCODE:ENCBS798MOH, ENCODE:ENCBS798PZJ, ENCODE:ENCBS799LNH,
ENCODE:ENCBS799SQC, ENCODE:ENCBS800QIW, ENCODE:ENCBS803IPJ,
ENCODE:ENCBS803ZJJ, ENCODE:ENCBS805PXD, ENCODE:ENCBS805UZF,
ENCODE:ENCBS806AAA, ENCODE:ENCBS807AAA, ENCODE:ENCBS808XDL,
ENCODE:ENCBS809KDQ, ENCODE:ENCBS810BDN, ENCODE:ENCBS810JOY,
ENCODE:ENCBS811GQK, ENCODE:ENCBS811PND, ENCODE:ENCBS813FSC,
ENCODE:ENCBS814VTY, ENCODE:ENCBS815MFP, ENCODE:ENCBS816PYX,
ENCODE:ENCBS817DXX, ENCODE:ENCBS817KQF, ENCODE:ENCBS817NZJ,
ENCODE:ENCBS818CDN, ENCODE:ENCBS821ETN, ENCODE:ENCBS821PLV,
ENCODE:ENCBS824AAA, ENCODE:ENCBS824QCP, ENCODE:ENCBS825AAA,
ENCODE:ENCBS826AAA, ENCODE:ENCBS827QKB, ENCODE:ENCBS832ULV,
ENCODE:ENCBS835AAA, ENCODE:ENCBS835EOX, ENCODE:ENCBS835UPQ,
ENCODE:ENCBS836AAA, ENCODE:ENCBS836LJE, ENCODE:ENCBS837AAA,
ENCODE:ENCBS837YEZ, ENCODE:ENCBS838SRU, ENCODE:ENCBS839SGI,
ENCODE:ENCBS840QTY, ENCODE:ENCBS842MLZ, ENCODE:ENCBS844EBE,
ENCODE:ENCBS845QPP, ENCODE:ENCBS847PBZ, ENCODE:ENCBS848AAA,
ENCODE:ENCBS849AAA, ENCODE:ENCBS849LND, ENCODE:ENCBS850PLY,
ENCODE:ENCBS851ZNE, ENCODE:ENCBS853NQW, ENCODE:ENCBS854HTL,
ENCODE:ENCBS856GWK, ENCODE:ENCBS856PWK, ENCODE:ENCBS857THE,
ENCODE:ENCBS858AAA, ENCODE:ENCBS859AAA, ENCODE:ENCBS859FFE,
ENCODE:ENCBS859RAZ, ENCODE:ENCBS860AAA, ENCODE:ENCBS861HMN,

ENCODE:ENCBS862LXP, ENCODE:ENCBS863WKZ, ENCODE:ENCBS864WAF,
ENCODE:ENCBS864XFG, ENCODE:ENCBS865ZOH, ENCODE:ENCBS866LUZ,
ENCODE:ENCBS868JIC, ENCODE:ENCBS869GQP, ENCODE:ENCBS869WAH,
ENCODE:ENCBS870TBE, ENCODE:ENCBS872AMP, ENCODE:ENCBS872GDG,
ENCODE:ENCBS873PJJ, ENCODE:ENCBS875LKB, ENCODE:ENCBS877GRH,
ENCODE:ENCBS877WFF, ENCODE:ENCBS879GXJ, ENCODE:ENCBS879MRD,
ENCODE:ENCBS881CIF, ENCODE:ENCBS882YXM, ENCODE:ENCBS883DWI,
ENCODE:ENCBS885FSX, ENCODE:ENCBS885JQS, ENCODE:ENCBS885ORM,
ENCODE:ENCBS887RIJ, ENCODE:ENCBS889CYZ, ENCODE:ENCBS890WPB,
ENCODE:ENCBS892VZB, ENCODE:ENCBS895EOS, ENCODE:ENCBS895HRB,
ENCODE:ENCBS896YYX, ENCODE:ENCBS897BFW, ENCODE:ENCBS897HQV,
ENCODE:ENCBS899ZNE, ENCODE:ENCBS900XSC, ENCODE:ENCBS901YOY,
ENCODE:ENCBS902IAH, ENCODE:ENCBS904EKE, ENCODE:ENCBS905ULQ,
ENCODE:ENCBS907KSW, ENCODE:ENCBS909PJP, ENCODE:ENCBS910PZQ,
ENCODE:ENCBS910Zfq, ENCODE:ENCBS912TCF, ENCODE:ENCBS913KLP,
ENCODE:ENCBS914FGT, ENCODE:ENCBS918RGX, ENCODE:ENCBS923MFQ,
ENCODE:ENCBS924KDO, ENCODE:ENCBS924WYL, ENCODE:ENCBS926EJR,
ENCODE:ENCBS927AKA, ENCODE:ENCBS928CHW, ENCODE:ENCBS930FIG,
ENCODE:ENCBS931EXY, ENCODE:ENCBS931SHZ, ENCODE:ENCBS935XAF,
ENCODE:ENCBS937BJO, ENCODE:ENCBS937LVM, ENCODE:ENCBS939AYV,
ENCODE:ENCBS943ASZ, ENCODE:ENCBS945FES, ENCODE:ENCBS948WDK,
ENCODE:ENCBS949DPY, ENCODE:ENCBS949YDI, ENCODE:ENCBS950MSQ,
ENCODE:ENCBS950TLN, ENCODE:ENCBS955ZHF, ENCODE:ENCBS956FFN,
ENCODE:ENCBS957WYL, ENCODE:ENCBS959DVN, ENCODE:ENCBS961ZJH,
ENCODE:ENCBS962POD, ENCODE:ENCBS966ODK, ENCODE:ENCBS967NRV,
ENCODE:ENCBS967UNG, ENCODE:ENCBS967WNR, ENCODE:ENCBS970EPG,
ENCODE:ENCBS974ELC, ENCODE:ENCBS976OQX, ENCODE:ENCBS976TOE,
ENCODE:ENCBS976ZOG, ENCODE:ENCBS978CGB, ENCODE:ENCBS982JDZ,
ENCODE:ENCBS983ECZ, ENCODE:ENCBS983UEI, ENCODE:ENCBS983YXQ,
ENCODE:ENCBS984EPA, ENCODE:ENCBS985FRY, ENCODE:ENCBS985Wfy,
ENCODE:ENCBS985WNX, ENCODE:ENCBS987BVJ, ENCODE:ENCBS987KVB,
ENCODE:ENCBS989AFC, ENCODE:ENCBS990SBY, ENCODE:ENCBS991MPK,
ENCODE:ENCBS992ZRR, ENCODE:ENCBS994RVB, ENCODE:ENCBS994TMS,
ENCODE:ENCBS994VIY, ENCODE:ENCBS995NXW, ENCODE:ENCBS995WFW,
ENCODE:ENCBS998QYV, FANTOM5_SSTAR:10818-111B8, FANTOM5_SSTAR:10819-
111B9, FANTOM5_SSTAR:10820-111C1, GEO:GSM207049, GEO:GSM472906,
GEO:GSM472907, GEO:GSM481450, GEO:GSM501780, GEO:GSM565883,
GEO:GSM733638, GEO:GSM733641, GEO:GSM733645, GEO:GSM733685,
GEO:GSM733693, GEO:GSM733694, GEO:GSM733737, GEO:GSM733743,
GEO:GSM733754, GEO:GSM733774, GEO:GSM736637, GEO:GSM736639,
GEO:GSM749683, GEO:GSM749715, GEO:GSM749756, GEO:GSM782122,
GEO:GSM798321, GEO:GSM803336, GEO:GSM803343, GEO:GSM803344,
GEO:GSM803367, GEO:GSM803368, GEO:GSM803381, GEO:GSM803403,
GEO:GSM803404, GEO:GSM803415, GEO:GSM803418, GEO:GSM803432,
GEO:GSM803449, GEO:GSM803451, GEO:GSM803452, GEO:GSM803460,
GEO:GSM803461, GEO:GSM803483, GEO:GSM803486, GEO:GSM803493,
GEO:GSM803499, GEO:GSM803500, GEO:GSM803502, GEO:GSM803503,
GEO:GSM803507, GEO:GSM803517, GEO:GSM803527, GEO:GSM803530,
GEO:GSM816662, GEO:GSM822284, GEO:GSM822287, GEO:GSM822291,
GEO:GSM887079, GEO:GSM888149, GEO:GSM923446, GEO:GSM935274,

GEO:GSM935275, GEO:GSM935280, GEO:GSM935304, GEO:GSM935305, GEO:GSM935306, GEO:GSM935307, GEO:GSM935335, GEO:GSM935350, GEO:GSM935364, GEO:GSM935406, GEO:GSM935437, GEO:GSM935493, GEO:GSM935542, GEO:GSM935543, GEO:GSM935545, GEO:GSM935566, GEO:GSM935579, GEO:GSM935596, GEO:GSM935603, GEO:GSM935609, GEO:GSM935610, GEO:GSM935646, GEO:GSM935647, GEO:GSM935648, GEO:GSM935649, GEO:GSM935650, GEO:GSM936760, GEO:GSM945182, GEO:GSM945211, GEO:GSM945231, GEO:GSM945291, GEO:GSM1003487, GEO:GSM1003519, GEO:GSM1010740, GEO:GSM1010741, GEO:GSM1010777, GEO:GSM1010778, GEO:GSM1010784, GEO:GSM1010787, GEO:GSM1010808, GEO:GSM1010809, GEO:GSM1010810, GEO:GSM1010821, GEO:GSM1010831, GEO:GSM1010865, GEO:GSM1010875, GEO:GSM1010876, GEO:GSM1040305, GEO:GSM1040375, GEO:GSM1204463, GEO:GSM1374138, GEO:GSM1374139, GEO:GSM1374140, GEO:GSM1374141, GEO:GSM1374142, GEO:GSM1374143, GEO:GSM1374144, GEO:GSM1374145, GEO:GSM1374146, GEO:GSM1374147, GEO:GSM1374148, GEO:GSM1374532, GEO:GSM1669878, GEO:GSM2423739, GEO:GSM2423740, GEO:GSM2551565, GEO:GSM7701361, GEO:GSM7701362, IARC_TP53:30037, IBRC:C10096, ICLC:HTL95005, IGRhCellID:HepG2, IZSLER:BS TCL 79, JCRB:JCRB1054, JCRB:NIHS0326, KCB:KCB 200507YJ, KCLB:88065, LiGeA:CCLE_410, LIMORE:HepG2, LINCS_LDP:LCL-1925, Lonza:62, MetaboLights:MTBLS127, MetaboLights:MTBLS419, MetaboLights:MTBLS582, MetaboLights:MTBLS1358, NCBI_Iran:C158, Pharmacodb:HepG2_539_2019, PRIDE:PXD000661, PRIDE:PXD001874, PRIDE:PXD002395, PRIDE:PXD003370, PRIDE:PXD004252, PRIDE:PXD005955, PRIDE:PXD008190, PRIDE:PXD008613, PRIDE:PXD010142, PRIDE:PXD018373, PRIDE:PXD018450, PRIDE:PXD024206, Progenetix:CVCL_0027, PubChem_Cell_line:CVCL_0027, RCB:RCB0459, RCB:RCB1648, RCB:RCB1886, TKG:TKG 0205, TOKU-E:1440, Ubigen:YC-C001, Wikidata:Q5731621

ID: CVCL_0027

Record Creation Time: 20220427T220334+0000

Record Last Update: 20260815T233734+0000

Ratings and Alerts

No rating or validation information has been found for Hep-G2.

Warning: Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877).

Registration: International Depository Authority, American Type Culture Collection (ATCC); HB-8065.

Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 1., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877)..., Group: Patented cell line. **Warning:** Problematic

cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877).

Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 1., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877)..., Group: Patented cell line. **Warning:** Discontinued: JCRB; NIHS0326

Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 1., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877)..., Group: Patented cell line. **Warning:** Discontinued: RCB; RCB0459

Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 1., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877)..., Group: Patented cell line.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 22515 mentions in open access literature.

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

Li QH, et al. (2026) Guaianolide dimer KGA-1002 targets GRP94 and triggers unfolded protein response-associated degradation of SKP2/AKT axis as a novel antihepatoma agent. Journal of advanced research.

Essa AF, et al. (2026) Multitarget Antioxidant and Anticancer Potential of Euphorbia greenwayi Essential Oil: Phytochemical Profiling and Molecular Insights. Chemistry & biodiversity, 23(2), e01894.

Ma Y, et al. (2026) Large-Scale Quantitative Morphometry of Platelet ??-Granules via SIM Super-Resolution Microscopy for Cancer Liquid Biopsy. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(34), e75094.

Kempynck N, et al. (2026) CREsted: modeling genomic and synthetic cell-type-specific enhancers across tissues and species. Nature methods, 23(5), 946.

- Lin S, et al. (2026) Multi omics analysis reveals senescence associated genes in metabolic dysfunction associated steatohepatitis related liver cancer and their functional validation. *International journal of biological macromolecules*, 358, 151713.
- Feng L, et al. (2026) BRIGHT Enables High-SNR Live-Cell Imaging of Non-Repetitive Sequences via Bivalent Fluorescent Nanobody-Mediated Cascade-Dependent Illumination. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(2), e13014.
- Caceres A, et al. (2026) High glucose diet induces hepatic iron overload contributing to metabolic dysfunction. *iScience*, 29(1), 114441.
- Teng F, et al. (2026) Efficient amyloid-?? degradation in Alzheimer's disease using SPYTACs. *Cell*, 189(7), 1923.
- Jia X, et al. (2026) NAD⁺ hydrolysis catalyzed by SelO is required for mitochondrial homeostasis. *Cell*, 189(9), 2633.
- Montoya T, et al. (2026) Alanine catabolism as a targetable vulnerability for MYC-driven liver cancer. *Cell reports*, 45(4), 117107.
- Yang T, et al. (2026) Covalent Inhibition of SHMT2 by Gambogic Acid Induces Ferroptosis Through Mitochondrial Collapse in Triple-Negative Breast Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(42), e20252.
- Taneera J, et al. (2026) Elevated Circulating Follistatin Is Associated With Diabetic Status and Glycemic Dysregulation in Patients With ??-Thalassemia Major. *Cell biochemistry and function*, 44(5), e70226.
- Zhang MS, et al. (2026) BCAT1-dependent HIF-1?? stabilization is a targetable metabolic vulnerability in hepatocellular carcinoma. *Cell reports. Medicine*, 7(5), 102784.
- Hammami N, et al. (2026) Mediterranean Asteraceae as Natural Sources of Antioxidants and Enzyme Inhibitors: A Case Study on *Urospermum dalechampii* and *Andryala integrifolia* From Tunisia. *Chemistry & biodiversity*, 23(6), e71434.
- Shu Y, et al. (2026) Deacetylated PCBP1 licenses PARP1 activity for DNA damage repair. *Molecular cell*, 86(14), 2703.
- Wang H, et al. (2026) A New Sulfated Cholestane From the Sea Urchin *Mesocentrotus nudus* With Cytotoxic Activity. *Chemistry & biodiversity*, 23(6), e71393.
- Jahnz H, et al. (2026) Development of a recombinant adeno-associated virus vector for human T lymphocyte- and natural killer cell-targeted gene therapy. *bioRxiv : the preprint server for biology*.
- Fu Q, et al. (2026) Identification of the regulatory elements and protein substrates of lysine acetoacetylation. *eLife*, 14.
- Pan J, et al. (2026) USP22 inhibition potentiates GPC3 chimeric antigen receptor macrophages efficacy in hepatocellular carcinoma by downregulating tumor CD24 expression. *Cancer letters*, 655, 218593.

Wang JZ, et al. (2026) Activation of AMPK by Sophoricoside Suppresses Primary Liver Cancer Progression In Vitro and In Vivo. *Journal of biochemical and molecular toxicology*, 40(5), e70838.