Supplementary Table 1. The overlapping 310 DEGs between HCC versus NC samples in both datasets

| Gene symbol |  |
|-------------|---|
| **Up**      |  |
| BCAT2, PSMD10, LAGE3, TXNRD1, ILF2, SRXN1, S100A10, SSR2, ANXA2, CKS1B, STC1, GPA1A, AKR1C3, RFC4, FAM189B, MCM6, MESPI, SLC22A11, SQLE, SPP1, NEB, CAP2, NUSAP1, TK1, MCM2, FAM83D, SPINK1, ALG11, AKR1B15, AURKA, UBD, PLVAP, PRC1, CKAP2L, UBE2T, CDA5, AKR1B10, PTTG1, KIFC1, MUC13, PBK, CCNB2, CDKN3, KIF20A, ASPM, REG3A, NCPAG, TOP2A, UBE2C, CDC20, GPC3 |  |
| **Down**    |  |
| C1QTNF1, CYP4F2, ALDH8A1, AKR7A3, HBA2, RELN, RND3, ALPL, ABCA8, WRD72, C8A, PHLD1A, SLC27A5, SOCS2, CPEB3, IYD, RCAN1, ADAMTS12, SERPINE1, GP1B, IGBP3, HX, APOA5, TRPM8, S100A8, FAM13A, PLG, PROZ, SLC39A5, ENO3, GSTZ1, COLEC11, OGDHL, ATFS, SLC7A2, DNAJC12, SLC13A5, CXCL2, AZGP1, SKAP1, PON1, MAT1A, NIPAL1, ADRA1B, ACSL1, ID1, PHGDH, CDA, SLC22A7, IGFI, STEAP3, CLDN2, ASS1, CD4, ZFP36, FTCD, HOA1, KLKB1, GADD45B, SLC38A4, C8B, ACAD11, SLC19A3, RDH5, THBS1, MRX45, ABAT, ACSM2A, ACO14, BHA1, MS4A6A, SLC6A12, BGN, ALDH2, ACADS, EPHX2, DUSP5, DNMT3L, CD14, HABP2, PPARC1A, PRODH2, DUSP6, GADD45G, STARD5, LEAP2, C1RL, BASP1, ST3GAL6, UPB1, TM6SF2, MTTP, SERPINF2, ACAA1, ARHGAP10, DCXR, PANK1, NDRG2, RCLI, RBPI, SORL1, RHOB, CYP4V2, PNPLA7, SLC38A2, HMOX1, A2M, PEMT, GCKR, NPW, HSD17B2, JUN, IFITM1, TMEM47, ALDH1B1, SPRY2, CA5A, GCDH, LIPC, GPT, SERPING1, CHST7, HMGC1L, PTGDS, ACACB, SERTAD1, C1orf162, CYP4F12, GPT2 |