## SUPPLEMENTARY TABLES

**Supplementary Table 1. Primers for RT-PCR.**

| Gene Name | Primer | Sequencing |
|---|---|---|
| Angpt2 | 1-Forward | AACATCCCAGTCCACCTGAG |
| | 1-Reverse | GGTCTTGCTTTGGTCCGTTA |
| Angpt1 | 2-Forward | GGGGGAGGTTGGACTGTAAT |
| | 2-Reverse | GAATAGGCTCGGTTCCCTTC |
| TEK | 3-Forward | CAGCCCTGCTGATACCAAAT |
| | 3-Reverse | GCGGTTTGTGACTTTCCATT |
| GAPDH | 4-Forward | GGCCTCCAAGGAGTAAGACC |
| | 4-Reverse | AGGGGAGATTCAGTGTGGTG |
| hsa-mir-144-5p | 2-Forward | GGGGGATATCATCATATAC |
| | 2-Reverse | CAGTGCGTGTCGTGGAGT |
| hsa-miR-16-5p(Control) | Forward | CAACGGAATCCCAAAAGCA |
| | Reverse | CAGTGCGTGTCGTGGAGT |

**Supplementary Table 2. Characterization and laboratory examination of healthy control and CSDH patients.**

| | Control | CSDH | p value |
|---|---|---|---|
| Age, mean(SD) | 68.6(7.2) | 68.5(6.9) | 1.0 |
| Sex, male(%) | 7(70%) | 15(75%) | 0.5 |
| TP, mean(SD) | 63.4(3.7) | 64.4(4.2) | 0.5 |
| ALT, mean(SD),u/l | 18.1(13.8) | 18.3(10.0) | 1.0 |
| AST, mean(SD),u/l | 15.9(3.2) | 16.2(3.5) | 0.9 |
| Total cholesterol, mean(SD), mmol/l | 4.0(0.7) | 3.6(0.8) | 0.2 |
| Triglyceride, mean(SD), mmol/l | 1.1(0.4) | 0.9(0.4) | 0.4 |
| Erythrocyte (RBC),mean(SD),$*10^{12}$ /l | 4.1(0.4) | 4.2(0.5) | 0.7 |
| Platelet (PLT),mean(SD), $*10^9$ / l | 180.3(43.9) | 198.3(74.1) | 0.5 |
| Hemoglobin (HGB),mean(SD),g/l | 128.4(11.5) | 130.2(15.5) | 0.8 |
| Leukocyte (WBC), mean(SD),$*10^9$ / l | 6.1(1.6) | 6.9(2.3) | 0.3 |
| Neutrophil, mean(SD),$*10^9$ / l | 3.86(1.3) | 4.7(1.9) | 0.2 |
| Monocyte, mean(SD),$*10^9$ / l | 0.47(0.12) | 0.51(0.21) | 0.7 |
| Lymphocyte, mean(SD),$*10^9$ / l | 1.51(0.42) | 1.48(0.41) | 0.9 |
| Urea (BUN),mean(SD), mmol/l | 73.2(19.7) | 72.3(14.0) | 0.9 |
| Creatinine (Cr),mean(SD), umol/l | 5.6(1.3) | 5.1(1.3) | 0.3 |
| Glucose level, mean(SD), mmol/l | 5.58(1.23) | 5.71(1.45) | 0.8 |