Table S2 1.5 fold differentiated genes between monoculture system and coculture system in the presence of 27-HC

| Name      | monoculture1 | monoculture2 | colculture1 | colculture2 |
|-----------|--------------|--------------|-------------|-------------|
| SAC3D1    | 1.202263951  | 0.946237087  | 5.754398823 | 4.325138092 |
| SOD2      | 0.809095919  | 0.751622915  | 3.076097012 | 3.250873089 |
| NAMPT     | 0.602559626  | 0.591561615  | 1.836537957 | 2.208004951 |
| NCKAP1    | 0.270395786  | 0.270395786  | 1.018591046 | 1           |
| ACOT9     | 3.16E-01     | 0.383707315  | 0.801678121 | 1.116863012 |
| S100A11   | 1.018591046  | 0.88715601   | 2.728977919 | 2.167704105 |
| KYNU      | 0.591561615  | 0.772680581  | 1.644371986 | 1.770109057 |
| AKR1B1    | 0.794328213  | 0.724435985  | 1.940886021 | 1.659587026 |
| AKR1C1    | 0.847227395  | 0.758577585  | 1.659587026 | 1.67494297  |
| HSP90B1   | 0.895364821  | 0.794328213  | 1.458814025 | 1.737800956 |
| ACTN1     | 0.642687678  | 0.608134985  | 1.355188966 | 1.330453992 |
| PPIB      | 2.070141077  | 1.981663942  | 4.920394897 | 4.256278038 |
| CSTB      | 0.597035289  | 0.794328213  | 1.737800956 | 1.706081986 |
| PDIA4     | 0.990831971  | 0.912010789  | 1.753880978 | 1.819700956 |
| SERPINA1  | 6.668066978  | 5.754398823  | 3.53183198  | 2.992264986 |
| YBX1      | 1.58776999   | 1.247382998  | 0.801678121 | 0.642687678 |
| RPL24     | 1.541700006  | 1.047129035  | 0.698232412 | 0.534564376 |
| MYADM     | 2.870682001  | 2.42E+00     | 1.29419601  | 1.177524448 |
| DNAJC3    | 1.923092008  | 1.923092008  | 0.92896403  | 0.912010789 |
| PCNA      | 8.17E-01     | 0.963828981  | 0.4487454   | 0.452897608 |
| SRP9      | 1.43E+00     | 1.541700006  | 0.625172675 | 0.613762021 |
| RPL35     | 0.963828981  | 1.037528038  | 0.580764413 | 0.383707315 |
| DHX15     | 1.406048059  | 1.803017974  | 0.63573     | 0.591561615 |
| RPL13     | 1.30E+00     | 1.499685049  | 0.66093526  | 0.432513803 |
| SLC3A2    | 1.2592       | 1.318256974  | 0.21887991  | 0.280543387 |