**Supplementary Table 3.** **Differential expression of the IRGs involved in IRPS in HCC**

|  |  |  |
| --- | --- | --- |
| **Gene** | **TCGA** | **ICGC** |
| **logFC** | ***p*** | **FDR** |  | **logFC** | ***p*** | **FDR** |
| RBP2 | 4.984714 | 4.18E-05 | 5.87E-05 |  | 2.140651 | 6.82E-07 | 9.32E-07 |
| MAPT | 3.728369 | 3.34E-25 | 6.84E-24 |  | 3.156435 | 2.58E-59 | 4.32E-57 |
| BIRC5 | 4.814625 | 2.35E-28 | 4.67E-26 |  | 3.352928 | 2.71E-60 | 6.43E-58 |
| ROBO1 | 3.534811 | 7.16E-19 | 3.48E-18 |  | 2.994799 | 9.71E-50 | 2.07E-48 |
| FIGNL2 | 2.311355 | 1.07E-10 | 2.27E-10 |  | 2.297298 | 1.46E-39 | 1.04E-38 |
| IL17D | 3.841742 | 9.47E-13 | 2.39E-12 |  | 2.64293 | 3.25E-16 | 6.38E-16 |
| SPP1 | 5.006114 | 2.72E-07 | 4.49E-07 |  | 3.120633 | 9.71E-20 | 2.20E-19 |
| STC2 | 2.8251 | 1.14E-18 | 5.37E-18 | 　 | 2.248714 | 4.55E-37 | 2.66E-36 |

logFC, log2 of fold-change.