**Table S1. Overexpressed Genes in Human ccRCC.**

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| --- | --- | --- | --- | --- |
|  | **Median** |  |  **Fold Change For Particular Data Set** | **Median Fold** |
| **Gene** | **Rank**  | **p-Value** | **1** | **2** | **3**  | **4** | **5** | **Change** |
| NDUFA4L2 | 7 | 5.55 x 10 -23 | 75.69 | 50.12 | 53.93 | 23.34 | 86.56 | 52.02 |
| HILPDA | 14 | 3.91 x 10 -13 | 32.38 | 26.75 | 16.47 | 7.58 | 12.89 | 14.68 |
| ENO2 | 14 | 2.82 x 10 -11 | 10.28 | 12.47 | 25.79 | 6.63 | 19.97 | 16.22 |
| EGLN3 | 16 | 9.5 x 10 -19 | 36.18 | 21.97 | 12.10 | 5.01 | 12.16 | 12.13 |
| IGFBP3 | 21 | 1.73 x 10 -14 | 14.70 | 8.41 | 12.33 | 10.96 | 10.15 | 10.56 |
| SPAG4 | 25 | 1.23 x 10 -10 | 13.93 | 12.23 | 11.13 | 3.99 | 26.72 | 11.68 |
| AHNAK2 | 28 | 2.83 x 10 -17 | 9.86 | 15.08 | 15.04 | 5.85 | 18.20 | 15.06 |
| TMCC1 | 30 | 3.79 x 10 -7 | 9.69 | 8.36 | 6.05 | 4.62 | 13.47 | 7.20 |
| RNASET2 | 36 | 2.19 x 10 -16 | 8.96 | 6.96 | 10.96 | 7.33 | 8.56 | 7.94 |
| CAV1 | 38 | 1.93 x 10 -13 | 8.39 | 7.08 | 8.17 | 9.38 | 5.03 | 7.62 |
| SLC16A3 | 41 | 2.54 x 10 -13 | 8.46 | 6.66 | 7.13 | 5.87 | 15.70 | 6.89 |
| LCP2 | 46 | 6.84 x 10 -10 | 5.72 | 4.57 | 3.78 | 1.33 | 6.56 | 4.18 |
| CA9 | 47 | 6.92 x 10 -16 | 27.90 | 17.97 | 14.48 | 9.18 | 37.68 | 16.23 |
| NETO2 | 48 | 7.84 x 10-10 | 18.10 | 15.43 | 25.58 | 6.04 | 4.73 | 10.73 |
| IFNGR2 | 49 | 8.25 x 10 -10 | 2.83 | 2.68 | 2.61 | 1.74 | 2.47 | 2.54 |
| ABCG1 | 57 | 3.12 x 10 -15 | 4.92 | 5.97 | 3.45 | 2.26 | 4.90 | 4.18 |
| UBE2L6 | 57 | 1.37 x 10 -12 | 2.67 | 2.33 | 1.98 | 2.06 | 3.09 | 2.19 |
| DIAPH2 | 59 | 1.59 x 10 -10 | 3.25 | 3.64 | 2.73 | 1.88 | 3.33 | 3.03 |
| ALDOA | 59 | 1.50 x 10 -9 | 2.42 | 2.34 | 2.32 | 2.63 | 3.26 | 2.49 |
| VEGFA | 60 | 6.13 x 10 -15 | 8.56 | 6.67 | 3.81 | 3.15 | 4.75 | 4.28 |
| TAPBP | 63 | 7.81 x 10 -15 | 2.75 | 2.53 | 2.82 | 2.88 | 4.26 | 2.85 |
| ALDOC | 63 | 1.82 x 10 -12 | 7.65 | 6.46 | 2.81 | 2.46 | 5.52 | 4.16 |
| PFKP | 64 | 2.13 x 10 -6 | 7.14 | 5.72 | 8.39 | 5.98 | 10.13 | 7.18 |
| BTN3A3 | 65 | 2.18 x 10 -6 | 4.72 | 3.13 | 5.15 | 3.70 | 4.33 | 4.02 |
| LDHA | 69 | 1.17 x 10 -14 | 2.86 | 2.68 | 3.09 | 2.32 | 3.46 | 2.88 |
| PDK1 | 70 | 2.88 x 10 -9 | 2.95 | 2.11 | 8.18 | 6.98 | 6.98 | 6.98 |
| BHLHE41 | 79 | 2.89 x 10-6 | 18.41 | 20.32 | 11.57 | 6.08 | 28.99 | 15.94 |
| TRIB3 | 81 | 3.52 x 10 -14 | 4.23 | 5.90 | 3.68 | 2.66 | 7.20 | 4.79 |
| SCARB1 | 83 | 4.72 x 10 -14 | 5.04 | 6.48 | 5.93 | 3.79 | 8.93 | 6.21 |
| ANXA4 | 83 | 6.46 x 10 -12 | 2.89 | 2.74 | 3.56 | 3.01 | 4.76 | 3.28 |