|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene name** | **Comparison** | **Degree score** | **log2 FC** | **p value** |
| IL-10 | T2 vs T1 | 48 | -1.52 | 0.0111 |
| LCK | T2 vs T1 | 43 | -4.77 | 0.0113 |
| SYK | T2 vs T1 | 38 | -2.35 | 0.0006 |
| FYN | T2 vs T1 | 34 | -2.32 | 0.0025 |
| JAK2 | T2 vs T1 | 30 | -1.58 | 0.0025 |
| ITGAM | T2 vs T1 | 29 | -2.74 | 0.0011 |
| TLR4 | T2 vs T1 | 29 | -2.00 | 0.0111 |
| CD86 | T2 vs T1 | 28 | -2.85 | 0.0006 |
| CD40LG | T2 vs T1 | 28 | -2.93 | 0.0445 |
| IL-1B | T2 vs T1 | 28 | -2.93 | 0.0258 |
| CD19 | T2 vs T1 | 28 | -2.16 | 0.0163 |
| CD3E | T2 vs T1 | 26 | -4.39 | 0.0031 |
| JAK3 | T2 vs T1 | 26 | -6.10 | 0.0006 |
| IL-2RA | T2 vs T1 | 24 | -5.65 | 0.0033 |
| CCL2 | T2 vs T1 | 24 | -3.40 | 0.0046 |
| CXCR4 | T2 vs T1 | 24 | -1.89 | 0.0008 |
| IL-8 | T2 vs T1 | 24 | -2.76 | 0.0104 |
| TLR2 | T2 vs T1 | 24 | -2.86 | 0.0009 |
| CD3D | T2 vs T1 | 23 | -3.90 | 0.0026 |
| CD44 | T2 vs T1 | 23 | -3.35 | 0.0111 |
| CCL5 | T2 vs T1 | 23 | -3.72 | 0.0110 |
| IL-2RG | T2 vs T1 | 22 | -2.38 | 0.0063 |
| IL-2RB | T2 vs T1 | 22 | -2.94 | 0.0008 |
| CD2 | T2 vs T1 | 22 | -5.28 | 0.0066 |
| CD8A | T2 vs T1 | 21 | -3.86 | 0.0110 |
| ZAP70 | T2 vs T1 | 21 | -4.30 | 0.0020 |
| ITGAX | T2 vs T1 | 21 | -2.11 | 0.0009 |
| IL-8 | NT2 vs NT1 | 6 | 1.64 | 0.0052 |
| CCL2 | NT2 vs NT1 | 5 | 2.17 | 0.0176 |
| CCR7 | NT2 vs NT1 | 4 | 2.44 | 0.0219 |
| CXCL1 | NT2 vs NT1 | 4 | 1.68 | 0.0098 |
| CXCL11 | NT2 vs NT1 | 3 | 1.80 | 0.0381 |
| SELE | NT2 vs NT1 | 2 | 4.23 | 0.0414 |

**Supplementary Table 3.** DE genes showing top degree scores (number of neighbors) in the T2 vs T1 and NT2 vs NT1 comparisons. Only the genes with the highest degree score (>20) are shown for the T2 vs T1 comparison.