





Top 50 Significant Immune Suppression DEGs APOD APP AGT ARF5 ADM ALKBH7 AP1M2 ALDOC ANAPC15 ANXA7 **ACADVL** AP2A1 ARF4 ANXA2 ADRM1 ANAPC16 ACAT1 AKR7A2 AKT1S1 AKR1A1 ALG5 ANKRD10 ACOX2 significance AP1S1 ABHD14A Down-regulated **APEH** Up-regulated ABHD11 ACTR2 AGAP1 AGPAT2 ADRA2C AHCYL1 ANKLE2 AGAP3 AK4 AFDN ANAPC5 ARHGAP18 ACAP2 AGO2 ABRACL ACTN4 ANXA6 ADCYAP1 ANP32E ACLY ACTN1 APOE ABCA5 ANKRD11 -0.8 0.4 0.8 Log2 Fold Change

## **Volcano Plot of Immune Suppression DEGs** ABCA5 ACTR2 ABHD11 ABHD14A ACADVL ADM AGAP1 ACOX2 ADRM1 ACTN1 300 -200 significance Down-regulated Up-regulated 100 -

0.5

0.0

Log2 Fold Change

1.5

1.0

-0.5

-1.0

-log10(p-value)