

Supplementary Table 5. The top three significant modules

Module	Score	Number	Gene symbol
1	5.750	9	LTF, TLR4, TLR6, SPTAN1, CXCL1, MMP9, CD44, CHI3L1, IL1RN
2	5.231	14	PIK3R1, LTF, TLR4, TLR6, SPTAN1, CXCL1, MMP9, CD44, IL1RN, PTK2B, KLRB1, GZMB, CHI3L1, IL2RB
3	5.238	22	PIK3R1, ZBTB16, LTF, CSF3R, TLR4, TLR6, CXCL1, SPTAN1, MMP9, CD44, CKAP4, IL1RN, PSEN1, PTK2B, NCF4, SLC11A1, KLRB1, GZMB, CASP9, CHI3L1, FPR1, IL2RB