

Supplementary Table 2		
Functions Annotation	p-Value	Molecules
Migration of cells	2.13E-05	ATG16L1,BMP2,CD58,CDH1,CNR1,COL1A1,CTNNA1,CXCR4,FOLR1,FYN,HSP90B1,IL6,JAK2,MLL,MOG,NME2,NUCB2,SLIT1
Lymphocyte migration	1.54E-05	BMP2,CD58,COL1A1,CXCR4,FYN,IL6,JAK2,MOG
Cell movement of T lymphocytes	6.79E-05	BMP2,COL1A1,CXCR4,FYN,IL6,MOG
Transmigration of cells	1.00E-04	BMP2,CDH1,COL1A1,CXCR4,IL6
Transmigration of T lymphocytes	1.97E-04	BMP2,COL1A1,CXCR4
Leukocyte migration	2.50E-04	ATG16L1,BMP2,CD58,CDH1,CNR1,COL1A1,CXCR4,FYN,IL6,JAK2,MOG
Cell movement of leukocytes	3.63E-04	BMP2,CD58,CDH1,CNR1,COL1A1,CXCR4,FYN,IL6,JAK2,MOG
Cell movement of phagocytes	3.21E-03	BMP2,CDH1,COL1A1,CXCR4,FYN,IL6,MOG
Adhesion of immune cells	1.49E-03	CD58,CD6,CDH1,CXCR4,FYN,IL6