

Table 1 The top ten GO enrichment and KEGG pathways analyzed by DAVID for DEGs in Module 1

Description	P Value	Count	Gene symbol
GO:0045087~ Innate immuner esponse	2.43839466561924E-06	6	LYN,TLR1,FGR,CLEC7A, NLRC4, S100A9
GO:0006954~ inflammatory response	0.000048164115942291 1	5	LYN, TLR1, CLEC7A, NLRC4, S100A9
hsa04145:Phagosome	0.000775204283464005	4	ITGAM,CLEC7A, NCF4, MRC1
GO:0006919~ activation of cysteine-typeendopeptidase activity involved in apoptotic process	0.00105863766426343	3	CASP1,NLRC4, S100A9
hsa05152:Tuberculosis	0.00125497608239744	4	TLR1, ITGAM, CLEC7A, MRC1
GO:0005515~protein binding	0.00145334414543067	11	LYN, TLR1, FGR, ITGAM, CLEC7A,NCF4,MRC1,CASP1, NLRC4, S100A9, MMP9
hsa05134:Legionellosis	0.00210206132067374	3	ITGAM, CASP1, NLRC4
GO:0050900~leukocyte migration	0.0022678643999204	3	LYN, ITGAM, MMP9
GO:0002768~immune response-regulating cell surface receptor signaling pathway	0.00238017211345728	2	LYN, FGR
GO:0072557~IPAF inflammasome complex	0.00274092589652791	2	CASP1, NLRC4