

Supplementary Table 4. KEGG pathway enrichment analysis of up-regulated and down-regulated DEGs

Term	Count	%	P value	Genes
Up-regulated pathway				
hsa05152: Tuberculosis	6	11.54	0.0014	CASP9, LAMP1, IFNGR2, TLR6, TLR4, ATP6V0A1
hsa05145: Toxoplasmosis	5	9.61	0.0018	CASP9, IFNGR2, HSPA6, PPIF, TLR4
hsa05134: <i>Legionellosis</i>	4	7.69	0.0021	CASP9, HSPA6, CXCL1, TLR4
hsa04145: Phagosome	5	9.62	0.0054	LAMP1, NCF4, TLR6, TLR4, ATP6V0A1
hsa05161: Hepatitis B	4	7.69	0.0316	CASP9, PTK2B, TLR4, MMP9
hsa05140: Leishmaniasis	3	5.77	0.0452	IFNGR2, NCF4, TLR4
hsa05164: Influenza A	4	7.69	0.0498	CASP9, IFNGR2, HSPA6, TLR4
hsa05132: <i>Salmonella</i> infection	3	5.77	0.0597	IFNGR2, CXCL1, TLR4
hsa05142: Chagas disease (American trypanosomiasis)	3	5.77	0.0883	IFNGR2, TLR6, TLR4
Down-regulated pathway				
hsa05202: Transcriptional misregulation in cancer	4	12.12	0.0015	ZBTB16, IL2RB, GZMB, ATM
hsa05166: HTLV-I infection	4	12.12	0.0049	IL2RB, NFATC3, ATM, PIK3R1
hsa05221: Acute myeloid leukemia	2	6.06	0.0785	ZBTB16, PIK3R1
hsa04210: Apoptosis	2	6.06	0.0866	ATM, PIK3R1
hsa04662: B-cell receptor signaling pathway	2	6.06	0.0960	NFATC3, PIK3R1

KEGG, Kyoto Encyclopedia of Genes and Genomes; DEG, differentially expressed gene.