

FIG. 2

	A	B	C	D
	GeneSet	Protein from FDR	Nodes	
1	GeneSet			
2	Surfactant metabolism(R)	3	0.1283 PGAS, PGAS, PGAS	
3	IL12 signaling mediated by STAT4(N)	3	0.1283 CD86, IFNG, JUN	
4	Protein digestion and absorption(K)	4	0.1763 COL4A1, PGAS, PGAS, PGAS	
5	Calcineurin-regulated NFAT-dependent transcription in lymphocytes(N)	3	0.1763 IFNG, PTPN1, JUN	
6	Transcriptional misregulation in cancer(K)	5	0.1763 CD86, CEBP8, IL13, NR4A3, IL2	
7	Kaposi's sarcoma associated herpesvirus infection(K)	5	0.1763 CD86, PEX1, PEX1, JUN, CLEC2B	
8	IL2-mediated signaling events(N)	3	0.1763 IRS2, IFNG, JUN	
9	Inflammatory bowel disease (IBD)(K)	3	0.209 IL22, IFNG, JUN	
10	Interleukin-20 family signaling(R)	2	0.209 IL22, IL26	
11	AP-1 transcription factor network(N)	3	0.209 IFNG, TCF7L2, JUN	
12	Inflammation mediated by chemokine and cytokine signaling pathway(P)	3	0.209 PEX1, VWF, IFNG	
13	Growth hormone receptor signaling(R)	2	0.209 IRS2, PTPN1	
14	Interferon gamma signaling(R)	3	0.209 IFNG, CD44, PTPN1	
15	Regulation of nuclear beta catenin signaling and target gene transcription(N)	3	0.209 TCF7L2, JUN, ID2	
16	Calcium signaling in the CD4+ TCR pathway(N)	2	0.209 IFNG, JUN	
17	Integrin signaling(R)	2	0.209 VWF, PTPN1	
18	T cell activation(P)	3	0.209 CD86, PEX1, JUN	
19	ECM-receptor interaction(K)	3	0.209 VWF, COL4A1, CD44	
20	Osteopontin-mediated events(N)	2	0.209 CD44, JUN	
21	IGF1 pathway(N)	2	0.209 IRS2, PTPN1	
22	Rheumatoid arthritis(K)	3	0.209 CD86, IFNG, JUN	
23	IL-17 signaling pathway(N)	3	0.209 IFNG, CEBP8, JUN	
24	Signaling mediated by p38-alpha and p38-beta(N)	2	0.209 CEBP8, JUN	
25	Platelet Aggregation (Plug Formation)(R)	2	0.209 VWF, PTPN1	
26	Allograft rejection(K)	2	0.209 CD86, IFNG	
27	Signaling events regulated by Ret tyrosine kinase(N)	2	0.209 IRS2, JUN	
28	IFN-gamma pathway(N)	2	0.209 IFNG, CEBP8	
29	Autophagy(K)	2	0.209 IFNG, PEX1	
30	Graft-versus-host disease(K)	2	0.209 CD86, IFNG	
31	Th17 cell differentiation(K)	3	0.209 IL22, IFNG, JUN	
32	FOXA1 transcription factor network(N)	2	0.209 CEBP8, JUN	
33	Type 1 diabetes mellitus(N)	2	0.209 CD86, IFNG	
34	IL6-mediated signaling events(N)	2	0.209 CEBP8, JUN	
35	Class A/1 Rhodopsin-like receptors(R)	5	0.209 GPR85, OMLR1, P2RY12, P2RY13, ACR	

FIG. 3

