

Category	GO	Description	p value	Enrichment Z-score	Gene Hits
KEGG Pathsa04062		Chemokine signaling f	1E-12	19	14 CCR5 CCR7 CXCL10 ITK CXCL9 CCL5 CCL11 CCL19 CXCL11 CXCL12 CXCL13 NCF1
KEGG Pathsa04060		Cytokine-cytokine rec	-1E-11	14	13 CCR5 CCR7 CSF2RB IL7R CXCL10 CXCL9 CCL5 CCL11 CCL19 CXCL11 CXCL12 CXCL13 TNFSF13B
KEGG Pathsa04610		Complement and coag	1E-08	26	13 C1QA C1QB C1QC C7 F13A1 ITGAM VSI4
KEGG Pathsa05020		Prion diseases	1.26E-07	42	14 C1QA C1QB C1QC C7 CCL5
KEGG Pathsa04514		Cell adhesion molecul	6.31E-07	14	9.3 CD2 ITGAL ITGAM PTPRC SELL VCAM1 ICOS
KEGG Pathsa05150		Staphylococcus aureu	1.26E-06	26	11 C1QA C1QB C1QC ITGAL ITGAM
KEGG Pathsa04670		Leukocyte transendoth	2.51E-06	15	9 ITGAL ITGAM ITK CXCL12 VCAM1 NCF1
KEGG Pathsa05133		Pertussis	6.31E-06	19	9.3 C1QA C1QB C1QC IRF8 ITGAM
KEGG Pathsa05340		Primary immunodefici	7.94E-06	31	11 BTK IL7R PTPRC ICOS
KEGG Pathsa04064		NF-kappa B signaling	2E-05	15	8.2 BTK CCL19 CXCL12 VCAM1 TNFSF13B
KEGG Pathsa04620		Toll-like receptor sign	3.16E-05	14	7.8 CXCL10 CXCL9 CCL5 CXCL11 TLR8
KEGG Pathsa05323		Rheumatoid arthritis	0.000251	13	6.7 ITGAL CCL5 CXCL12 TNFSF13B
KEGG Pathsa04640		Hematopoietic cell lin	0.000316	12	6.4 CD2 MSHA1 IL7R ITGAM
KEGG Pathsa05142		Chagas disease (Amer	0.000398	11	6.2 C1QA C1QB C1QC CCL5
KEGG Pathsa04672		Intestinal immune net	0.000631	18	6.9 CXCL12 TNFSF13B ICOS
KEGG Pathsa05144		Malaria	0.000631	18	6.9 ITGAL KLRB1 VCAM1
KEGG Pathsa05322		Systemic lupus erythe	0.001259	8.8	5.3 C1QA C1QB C1QC C7
KEGG Pathsa04145		Phagosome	0.001995	7.6	4.8 ITGAM MRC1 MARCON NCF1
KEGG Pathsa04660		T cell receptor signali	0.005012	8.5	4.5 ITK PTPRC ICOS
KEGG Pathsa04668		TNF signaling pathwa	0.00631	8.1	4.3 CXCL10 CCL5 VCAM1
KEGG Pathsa04015		Rap1 signaling pathwa	0.039811	4.2	2.7 FYB1 ITGAL ITGAM