A
BP
leukocyte migration
regulation of lymphocyte activation
regulation of inflammatory response
T cell activation
regulation of immune effector process
positive regulation of cell activation
positive regulation of leukocyte activation
lymphocyte mediated immunity
phagocytosis
regulation of cell-cell adhesion
humoral immune response
adaptive immune response based on somatic recombination of immune receptors built from immunoglobulin superfamily domains
extracellular matrix organization
positive regulation of lymphocyte activation
leukocyte cell-cell adhesion
regulation of T cell activation
acute inflammatory response
myeloid leukocyte migration
regulation of acute inflammatory response
regulation of humoral immune response
0.04
0.06
0.08
0.10
GeneRatio
Count
60
80
100
p.adjust
8.455053e-20
1.691011e-19
2.536516e-19
B
CC
collagen-containing extracellular matrix
external side of plasma membrane
secretory granule membrane
endoplasmic reticulum lumen
membrane raft
membrane microdomain
membrane region
tertiary granule
immunoglobulin complex
collagen trimer
specific granule
blood microparticle
tertiary granule membrane
specific granule membrane
immunoglobulin complex, circulating
platelet alpha granule
extracellular matrix component
MHC class II protein complex
fibrillar collagen trimer
banded collagen fibril
0.025
0.050
0.075
GeneRatio
Count
25
50
75
100
p.adjust
1e-05
2e-05
3e-05
4e-05
5e-05
C
MF
receptor ligand activity
cytokine receptor binding
cytokine activity
endopeptidase activity
antigen binding
glycosaminoglycan binding
extracellular matrix structural constituent
sulfur compound binding
G protein-coupled receptor binding
heparin binding
cytokine binding
chemokine receptor binding
chemokine activity
metalloendopeptidase activity
immunoglobulin receptor binding
collagen binding
virus receptor activity
hijacked molecular function
extracellular matrix structural constituent conferring tensile strength
CCR chemokine receptor binding
0.02
0.04
0.06
GeneRatio
Count
20
40
60
p.adjust
5e-06
1e-05
D
KEGG
Cytokine-cytokine receptor interaction
Chemokine signaling pathway
Staphylococcus aureus infection
Viral protein interaction with cytokine and cytokine receptor
Tuberculosis
Cell adhesion molecules (CAMs)
Phagosome
Hematopoietic cell lineage
Rheumatoid arthritis
Osteoclast differentiation
Leishmaniasis
Complement and coagulation cascades
Inflammatory bowel disease (IBD)
Th1 and Th2 cell differentiation
Graft-versus-host disease
Type I diabetes mellitus
Intestinal immune network for IgA production
Autoimmune thyroid disease
Viral myocarditis
Allograft rejection
0.050
0.075
0.100
0.125
GeneRatio
Count
20
30
40
50
60
p.adjust
5.0e-07
1.0e-06
1.5e-06
2.0e-06