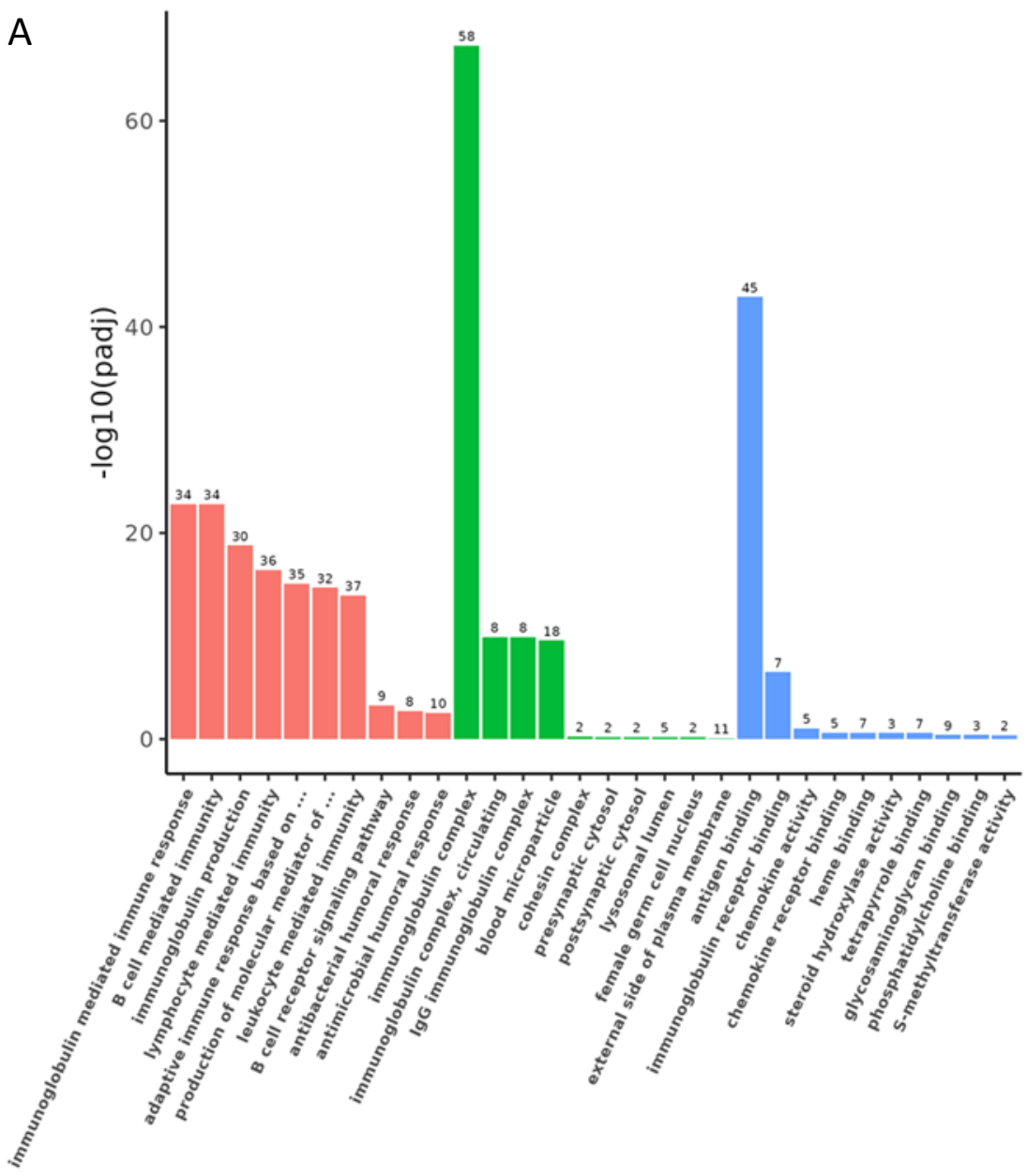
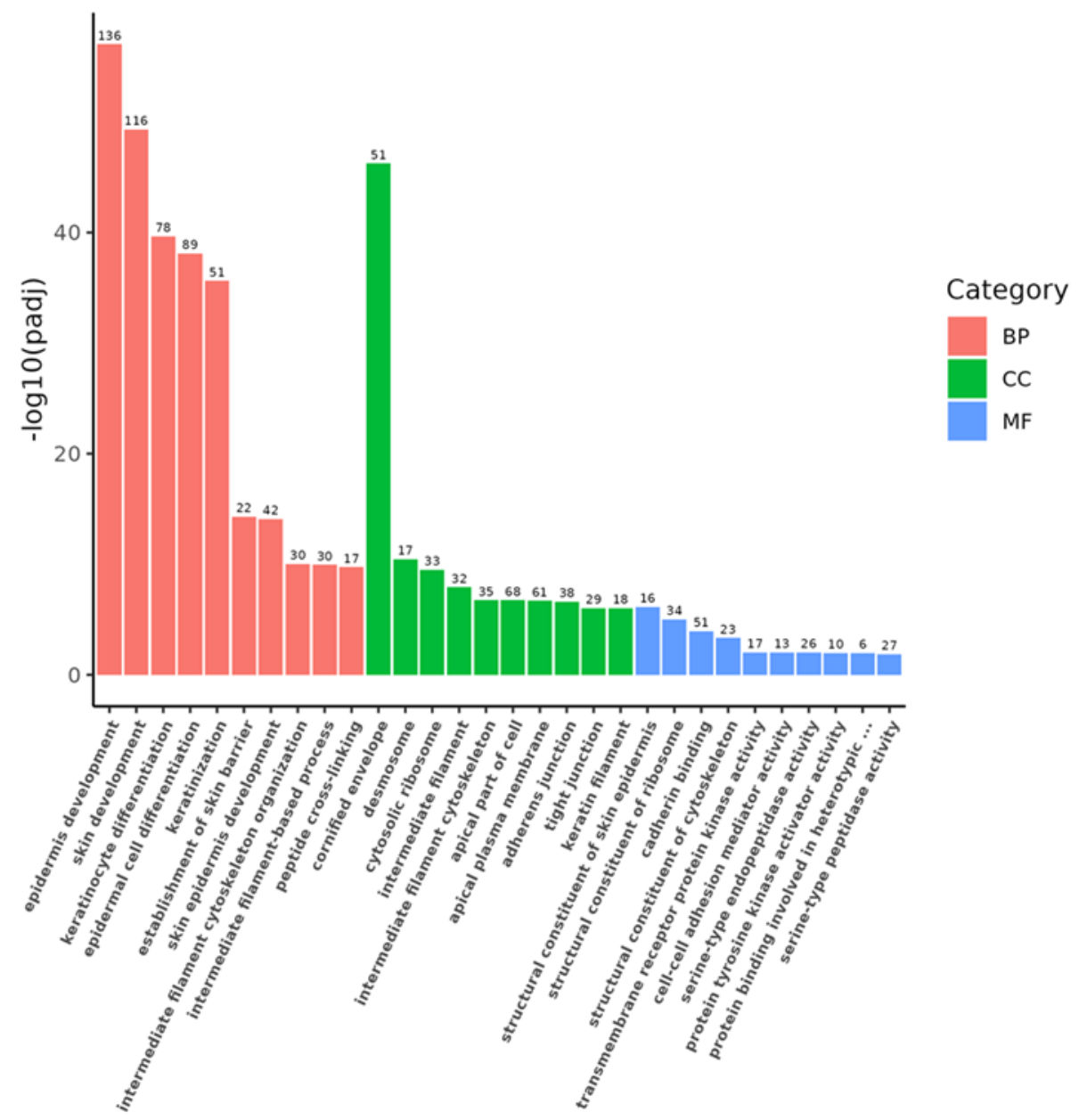
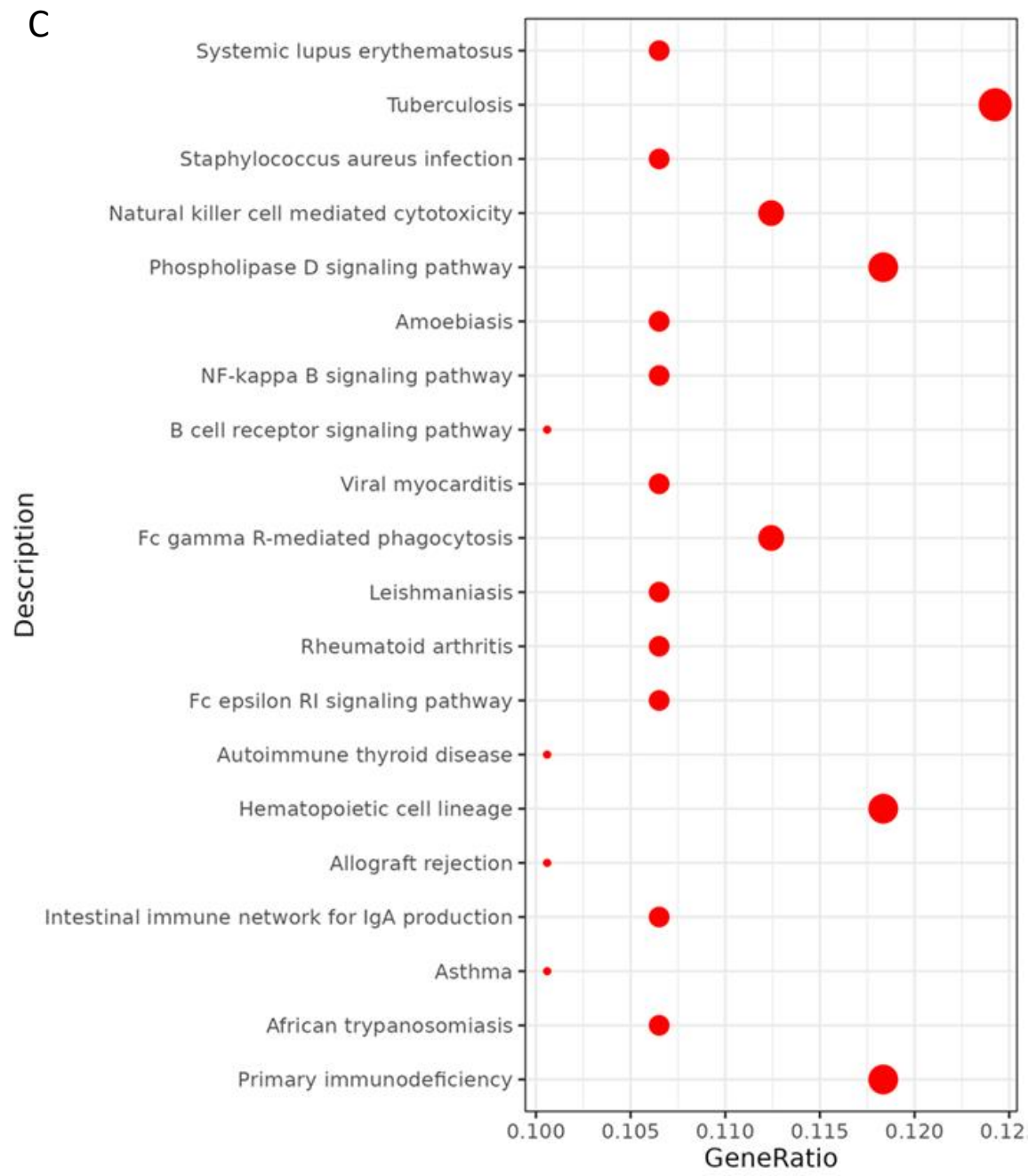
A


-log10(padj)
0
20
40
60
34 34 30 36 35 32 37 9 8 10 58 8 8 18 2 2 2 5 2 11 45 7 5 5 7 3 7 9 3 2
immunoglobulin mediated immune response
B cell mediated immunity
immunoglobulin production
lymphocyte mediated immunity
adaptive immune response based on ...
production of molecular mediator of ...
leukocyte mediated immunity
B cell receptor signaling pathway
antibacterial humoral response
antimicrobial humoral response
immunoglobulin complex
immunoglobulin complex, circulating
IgG immunoglobulin complex
blood microparticle
cohesin complex
presynaptic cytosol
postsynaptic cytosol
lysosomal lumen
female germ cell nucleus
external side of plasma membrane
antigen binding
immunoglobulin receptor binding
chemokine activity
chemokine receptor binding
heme binding
steroid hydroxylase activity
tetrapyrrole binding
glycosaminoglycan binding
phosphatidylcholine binding
S-methyltransferase activity

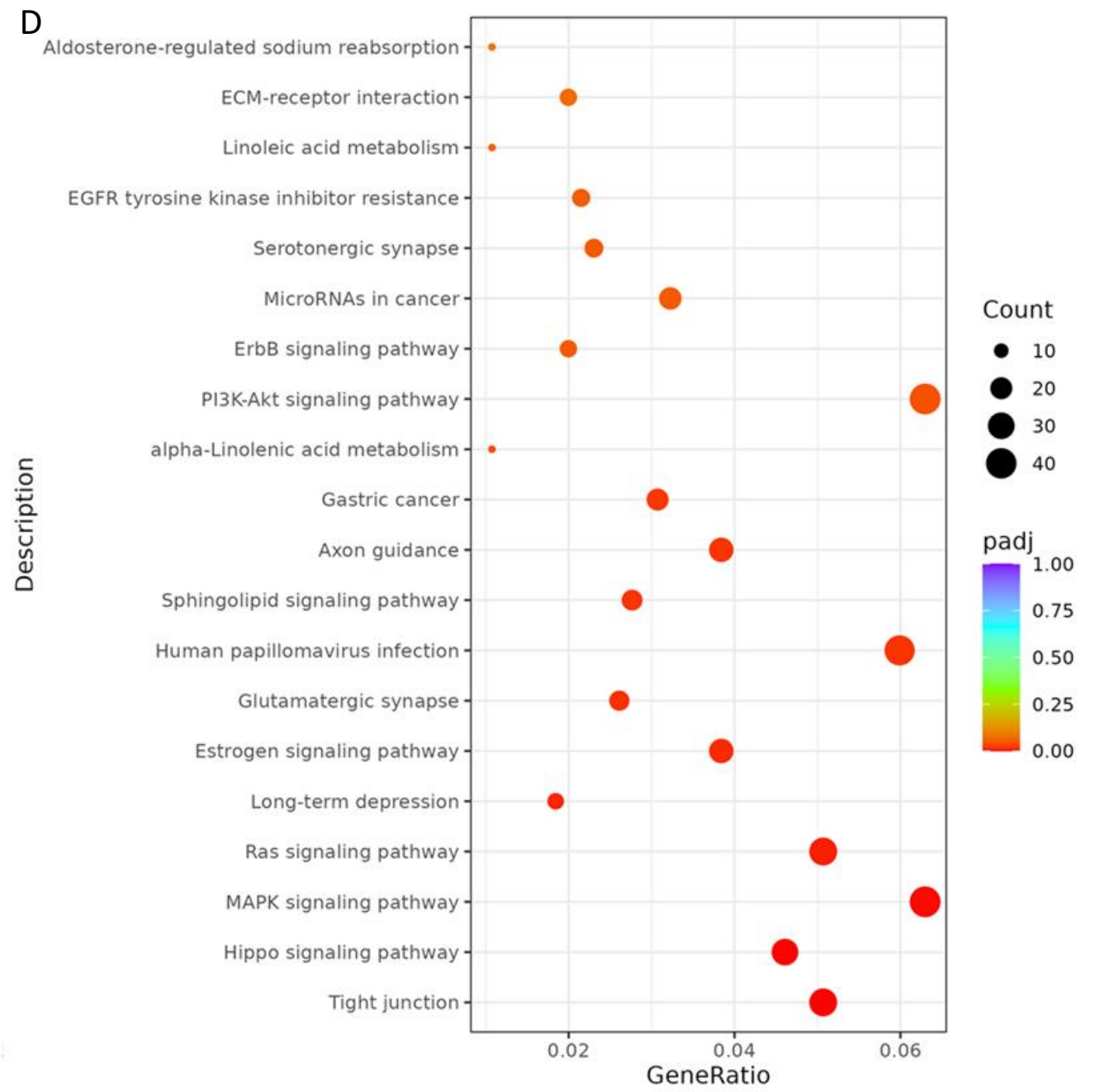
B


-log10(padj)
0
20
40
136 116 78 89 51 22 42 30 30 17 51 17 33 32 35 68 61 38 29 18 16 34 51 23 17 13 26 10 6 27
epidermis development
skin development
keratinocyte differentiation
epidermal cell differentiation
keratinization
establishment of skin barrier
skin epidermis development
intermediate filament cytoskeleton organization
intermediate filament-based process
peptide cross-linking
cornified envelope
desmosome
cytosolic ribosome
intermediate filament
intermediate filament cytoskeleton
apical part of cell
apical plasma membrane
adherens junction
tight junction
keratin filament
structural constituent of skin epidermis
structural constituent of ribosome
cadherin binding
structural constituent of cytoskeleton
structural constituent of protein kinase activity
transmembrane receptor protein kinase activity
cell-cell adhesion mediator activity
serine-type endopeptidase activity
protein tyrosine kinase activator activity
protein binding involved in heterotypic ...
serine-type peptidase activity
Category
BP
CC
MF

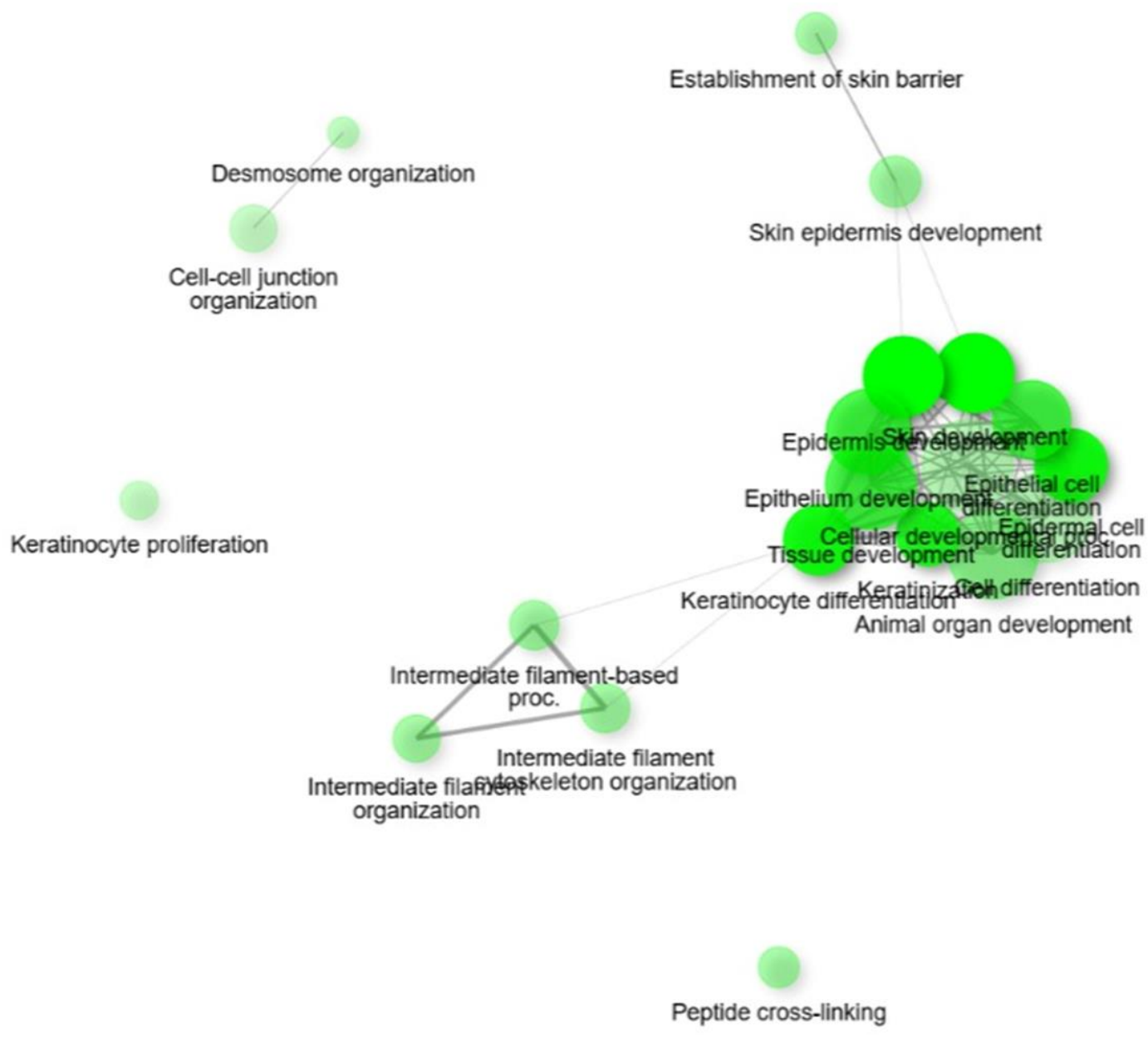
C


Description
Systemic lupus erythematosus
Tuberculosis
Staphylococcus aureus infection
Natural killer cell mediated cytotoxicity
Phospholipase D signaling pathway
Amoebiasis
NF-kappa B signaling pathway
B cell receptor signaling pathway
Viral myocarditis
Fc gamma R-mediated phagocytosis
Leishmaniasis
Rheumatoid arthritis
Fc epsilon RI signaling pathway
Autoimmune thyroid disease
Hematopoietic cell lineage
Allograft rejection
Intestinal immune network for IgA production
Asthma
African trypanosomiasis
Primary immunodeficiency
0.100 0.105 0.110 0.115 0.120 0.12
GeneRatio

D


Description
Aldosterone-regulated sodium reabsorption
ECM-receptor interaction
Linoleic acid metabolism
EGFR tyrosine kinase inhibitor resistance
Serotonergic synapse
MicroRNAs in cancer
ErbB signaling pathway
PI3K-Akt signaling pathway
alpha-Linolenic acid metabolism
Gastric cancer
Axon guidance
Sphingolipid signaling pathway
Human papillomavirus infection
Glutamatergic synapse
Estrogen signaling pathway
Long-term depression
Ras signaling pathway
MAPK signaling pathway
Hippo signaling pathway
Tight junction
0.02 0.04 0.06
GeneRatio
Count
10
20
30
40
padj
1.00
0.75
0.50
0.25
0.00

E


Establishment of skin barrier
Desmosome organization
Skin epidermis development
Cell-cell junction organization
Epidermis development
Skin development
Epithelium development
Epithelial cell differentiation
Cellular developmental proc.
Epidermal cell differentiation
Tissue development
Keratinocyte differentiation
Keratinization
Cell differentiation
Animal organ development
Keratinocyte proliferation
Intermediate filament-based proc.
Intermediate filament organization
Intermediate filament cytoskeleton organization
Peptide cross-linking