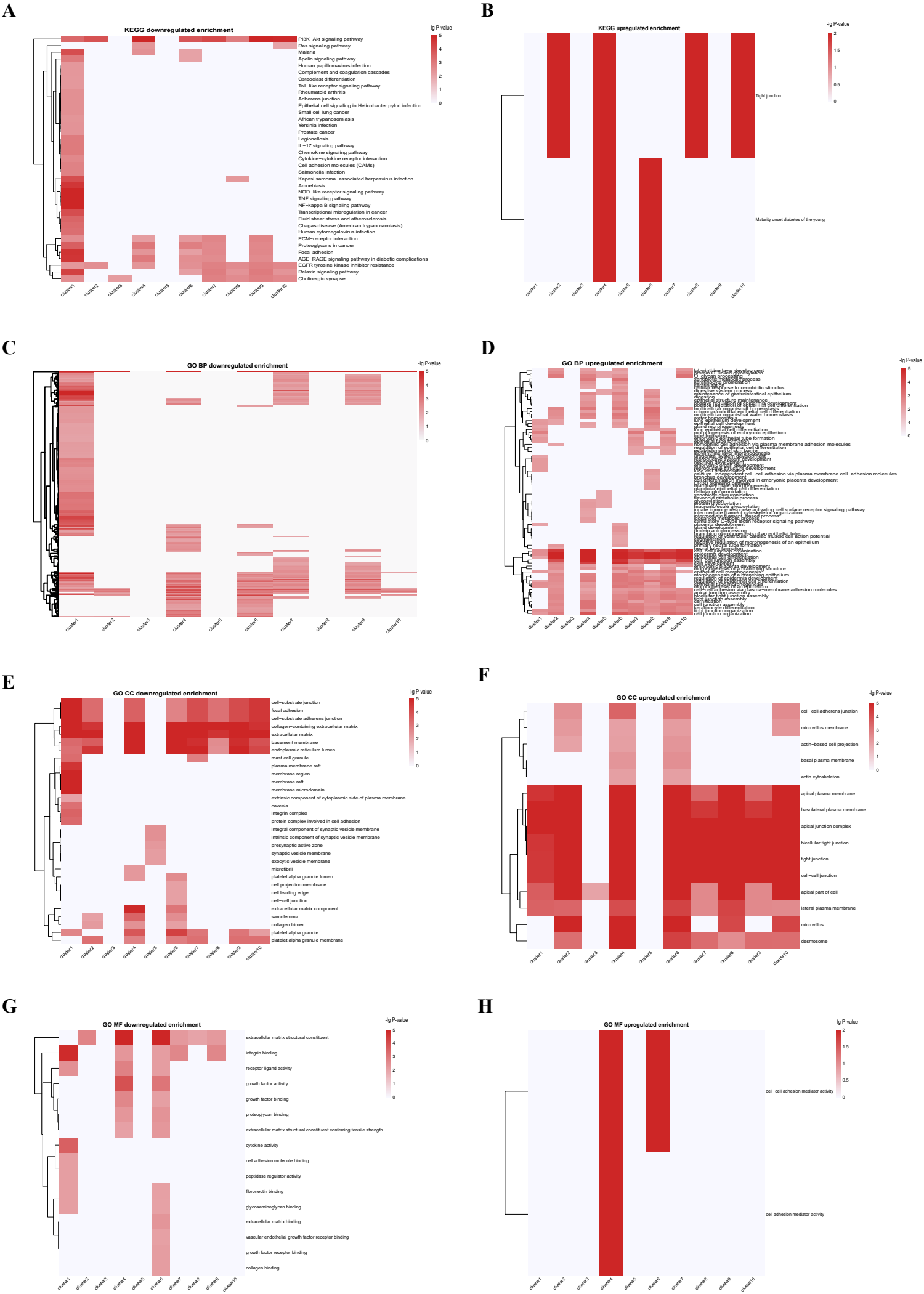
A
KEGG downregulated enrichment
-lg P-value
PI3K−Akt signaling pathway
Ras signaling pathway
Malaria
Apelin signaling pathway
Human papillomavirus infection
Complement and coagulation cascades
Osteoclast differentiation
Toll−like receptor signaling pathway
Rheumatoid arthritis
Adherens junction
Epithelial cell signaling in Helicobacter pylori infection
Small cell lung cancer
African trypanosomiasis
Yersinia infection
Prostate cancer
Legionellosis
IL−17 signaling pathway
Chemokine signaling pathway
Cytokine−cytokine receptor interaction
Cell adhesion molecules (CAMs)
Salmonella infection
Kaposi sarcoma−associated herpesvirus infection
Amoebiasis
NOD−like receptor signaling pathway
TNF signaling pathway
NF−kappa B signaling pathway
Transcriptional misregulation in cancer
Fluid shear stress and atherosclerosis
Chagas disease (American trypanosomiasis)
Human cytomegalovirus infection
ECM−receptor interaction
Proteoglycans in cancer
Focal adhesion
AGE−RAGE signaling pathway in diabetic complications
EGFR tyrosine kinase inhibitor resistance
Relaxin signaling pathway
Cholinergic synapse
cluster1
cluster2
cluster3
cluster4
cluster5
cluster6
cluster7
cluster8
cluster9
cluster10
B
KEGG upregulated enrichment
-lg P-value
Tight junction
Maturity onset diabetes of the young
C
GO BP downregulated enrichment
-lg P-value
D
GO BP upregulated enrichment
-lg P-value
labyrinthine layer development
lipoprotein catabolic process
O−glycan processing
xenobiotic metabolic process
keratinocyte proliferation
sensory perception
cellular response to xenobiotic stimulus
digestive system process
morphogenesis of gastrointestinal epithelium
digestion
epithelial structure maintenance
positive regulation of epidermal cell differentiation
multicellular organismal homeostasis
multicellular organismal water homeostasis
water homeostasis
epithelial cell development
gland development
morphogenesis of embryonic epithelium
lung development
epithelial tube formation
homophilic cell adhesion via plasma membrane adhesion molecules
regulation of epithelial cell differentiation
neuromuscular junction development
urogenital system development
respiratory system development
embryonic organ development
tissue morphogenesis
calcium−independent cell−cell adhesion via plasma membrane cell−adhesion molecules
bronchus development
Erbb signaling pathway involved in embryonic placenta development
mammary gland morphogenesis
epithelial cell differentiation
cellular glucuronidation
xenobiotic glucuronidation
glycosylation
protein glycosylation
protein O−linked glycosylation
innate immune response activating cell surface receptor signaling pathway
intermediate filament cytoskeleton organization
lipoprotein metabolic process
cellular lipid catabolic process
stimulatory C−type lectin receptor signaling pathway
gland development
protein autoprocessing
epithelial cell morphogenesis involved in an epithelial tube
negative regulation of resting membrane potential
segmentation
negative regulation of morphogenesis of an epithelium
neural tube formation
neural tube development
cell−cell junction organization
epidermis development
epithelial tube morphogenesis
cell−cell junction assembly
skin development
morphogenesis of a branching structure
epithelial cell morphogenesis
regulation of epithelial cell proliferation involving epithelium
regulation of epidermis development
regulation of epidermal cell differentiation
morphogenesis of an epithelium
cell−cell adhesion via plasma−membrane adhesion molecules
apicolateral plasma membrane
tight junction assembly
lipid localization
cell junction assembly
keratinocyte differentiation
tight junction organization
cell junction organization
E
GO CC downregulated enrichment
-lg P-value
cell−substrate junction
focal adhesion
cell−substrate adherens junction
collagen−containing extracellular matrix
extracellular matrix
basement membrane
endoplasmic reticulum lumen
mast cell granule
plasma membrane raft
membrane region
membrane raft
membrane microdomain
extrinsic component of cytoplasmic side of plasma membrane
caveola
integrin complex
protein complex involved in cell adhesion
integral component of synaptic vesicle membrane
intrinsic component of synaptic vesicle membrane
presynaptic active zone
synaptic vesicle membrane
exocytic vesicle membrane
microfibril
platelet alpha granule lumen
cell projection membrane
cell leading edge
cell−cell junction
extracellular matrix component
sarcolemma
collagen trimer
platelet alpha granule
platelet alpha granule membrane
F
GO CC upregulated enrichment
-lg P-value
cell−cell adherens junction
microvillus membrane
actin−based cell projection
basal plasma membrane
actin cytoskeleton
apical plasma membrane
basolateral plasma membrane
apical junction complex
bicellular tight junction
tight junction
cell−cell junction
apical part of cell
lateral plasma membrane
microvillus
desmosome
G
GO MF downregulated enrichment
-lg P-value
extracellular matrix structural constituent
integrin binding
receptor ligand activity
growth factor activity
growth factor binding
proteoglycan binding
extracellular matrix structural constituent conferring tensile strength
cytokine activity
cell adhesion molecule binding
peptidase regulator activity
fibronectin binding
glycosaminoglycan binding
extracellular matrix binding
vascular endothelial growth factor receptor binding
growth factor receptor binding
collagen binding
H
GO MF upregulated enrichment
-lg P-value
cell−cell adhesion mediator activity
cell adhesion mediator activity