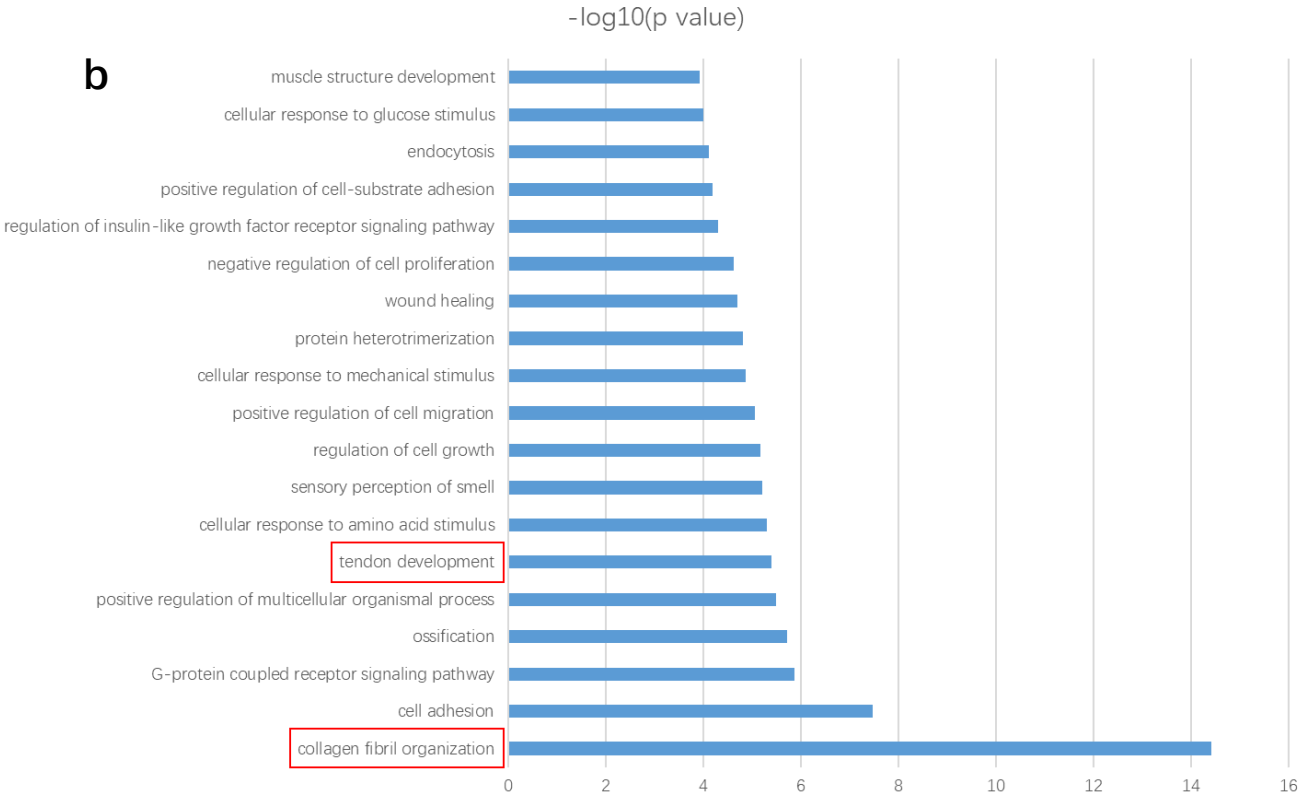
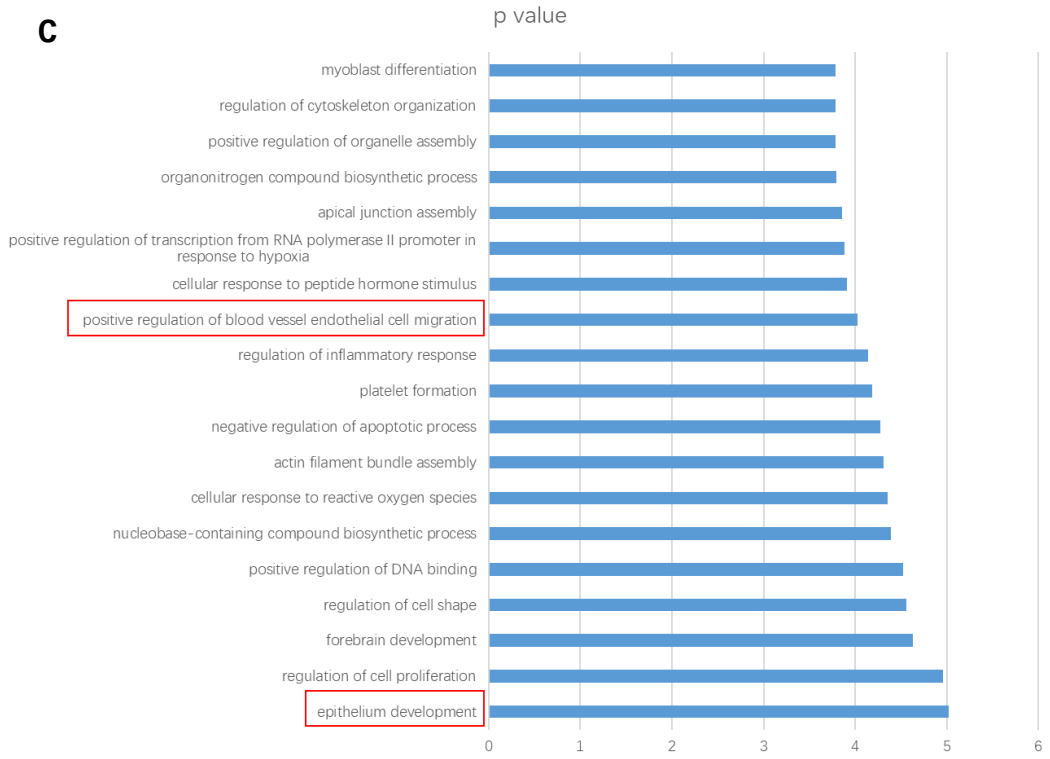
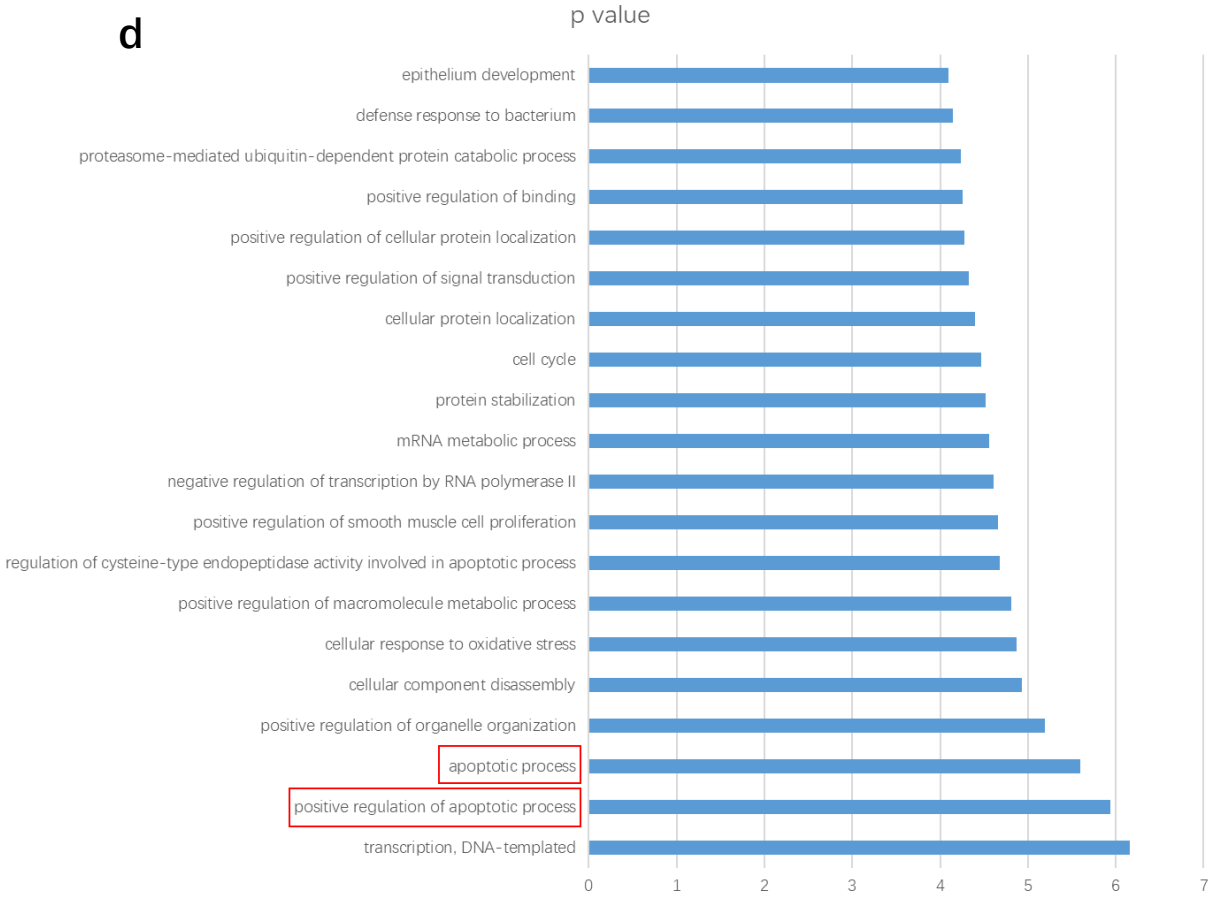
a
-log10(p value)
positive regulation of rRNA processing
positive regulation of cellular catabolic process
positive regulation of translation
negative regulation of translation
transcription, DNA-templated
endoplasmic reticulum calcium ion homeostasis
chaperone-mediated protein folding
regulation of cellular protein localization
RNA export from nucleus
protein targeting to ER
Golgi vesicle transport
cell redox homeostasis
ribonucleoprotein complex assembly
ubiquitin-dependent ERAD pathway
regulation of transcription by RNA polymerase II
protein export from nucleus
ribosomal large subunit biogenesis
endoplasmic reticulum unfolded protein response
0
1
2
3
4
5
6
7
8


b
-log10(p value)
muscle structure development
cellular response to glucose stimulus
endocytosis
positive regulation of cell-substrate adhesion
regulation of insulin-like growth factor receptor signaling pathway
negative regulation of cell proliferation
wound healing
protein heterotrimerization
cellular response to mechanical stimulus
positive regulation of cell migration
regulation of cell growth
sensory perception of smell
cellular response to amino acid stimulus
tendon development
positive regulation of multicellular organismal process
ossification
G-protein coupled receptor signaling pathway
cell adhesion
collagen fibril organization
0
2
4
6
8
10
12
14
16


c
p value
myoblast differentiation
regulation of cytoskeleton organization
positive regulation of organelle assembly
organonitrogen compound biosynthetic process
apical junction assembly
positive regulation of transcription from RNA polymerase II promoter in response to hypoxia
cellular response to peptide hormone stimulus
positive regulation of blood vessel endothelial cell migration
regulation of inflammatory response
platelet formation
negative regulation of apoptotic process
actin filament bundle assembly
cellular response to reactive oxygen species
nucleobase-containing compound biosynthetic process
positive regulation of DNA binding
regulation of cell shape
forebrain development
regulation of cell proliferation
epithelium development
0
1
2
3
4
5
6


d
p value
epithelium development
defense response to bacterium
proteasome-mediated ubiquitin-dependent protein catabolic process
positive regulation of binding
positive regulation of cellular protein localization
positive regulation of signal transduction
cellular protein localization
cell cycle
protein stabilization
mRNA metabolic process
negative regulation of transcription by RNA polymerase II
positive regulation of smooth muscle cell proliferation
regulation of cysteine-type endopeptidase activity involved in apoptotic process
positive regulation of macromolecule metabolic process
cellular response to oxidative stress
cellular component disassembly
positive regulation of organelle organization
apoptotic process
positive regulation of apoptotic process
transcription, DNA-templated
0
1
2
3
4
5
6
7