(a)
transferase activity, transferring alkyl or aryl (other than methyl) groups
free ubiquitin chain polymerization
positive regulation of type I interferon−mediated signaling pathway
ubiquitin recycling
cellular response to interferon−beta
positive regulation of cytokine−mediated signaling pathway
response to interferon−beta
ubiquitin−ubiquitin ligase activity
positive regulation of response to cytokine stimulus
filopodium tip
regulation of type I interferon−mediated signaling pathway
positive regulation of peptidyl−threonine phosphorylation
intrinsic apoptotic signaling pathway in response to endoplasmic reticulum stress
ubiquitin conjugating enzyme activity
regulation of peptidyl−threonine phosphorylation
ubiquitin−like protein conjugating enzyme activity
protein K48−linked ubiquitination
regulation of cytokine−mediated signaling pathway
proteasome binding
negative regulation of cilium assembly
0.06
0.07
0.08
0.09
GeneRatio
p.adjust
1e−09
2e−09
3e−09
4e−09
Count
9
10
11
12
13
14

(b)
Pathways in cancer
Influenza A
Ubiquitin mediated proteolysis
Drug metabolism − cytochrome P450
Metabolism of xenobiotics by cytochrome P450
Chemical carcinogenesis − DNA adducts
Drug metabolism − other enzymes
Glutathione metabolism
Platinum drug resistance
Fluid shear stress and atherosclerosis
Hepatocellular carcinoma
Transcriptional misregulation in cancer
DNA replication
Cell cycle
Arachidonic acid metabolism
Terpenoid backbone biosynthesis
Aminoacyl−tRNA biosynthesis
Arginine biosynthesis
Cyanoamino acid metabolism
Selenocompound metabolism
0.06
0.10
0.14
GeneRatio
p.adjust
0.0005
0.0010
0.0015
Count
4
8
12
16
20