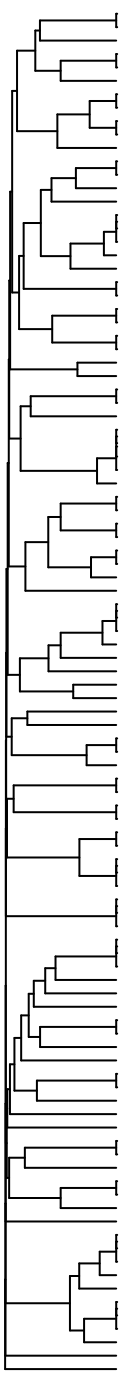

220/818 transcription regulator
171/611 DNA−binding transcription factor
25/91 hormone receptor binding
315/1221 molecular function regulator
66/259 transcription coregulator
81/353 nucleoside−triphosphatase regulator
10/41 histone demethylase
15/61 demethylase
7/21 histone demethylase (H3−K36 specific)
29/91 2−oxoglutarate−dependent dioxygenase
101/421 chromatin binding
415/1441 enzyme binding
29/84 protease binding
174/604 kinase binding
75/217 phosphatase binding
40/123 cytokine receptor binding
250/976 signaling receptor binding
30/82 tumor necrosis factor receptor superfamily binding
23/66 thioesterase binding
264/1116 zinc ion binding
133/509 protein domain specific binding
17/104 SH3 domain binding
45/180 modification−dependent protein binding
31/86 polyubiquitin modification−dependent protein binding
67/293 ubiquitin−like protein ligase
168/672 ubiquitin−like protein transferase
15/43 NAD+ binding
18/53 NAD+ ADP−ribosyltransferase
222/900 cytoskeletal protein binding
105/406 actin binding
45/174 molecular adaptor
15/52 phosphatidylinositol−3−phosphate binding
94/369 phospholipid binding
57/221 phosphatidylinositol binding
35/137 phosphatidylinositol phosphate binding
8/25 phosphatidylinositol−3,4−bisphosphate binding
220/1000 kinase
113/551 protein serine/threonine kinase
296/1415 transferase, transferring phosphorus−containing groups
13/43 DNA−directed 5'−3' RNA polymerase
212/1225 signaling receptor
32/161 transmembrane receptor protein kinase
61/250 protein tyrosine kinase
9/36 coreceptor
42/228 metalloendopeptidase
152/697 endopeptidase
21/4/1006 peptidase
66/369 metallopeptidase
12/14 threonine−type endopeptidase
54/229 serine hydrolase
85/464 nuclease
41/284 DNA polymerase
7/25 oxidized DNA binding
33/142 structural constituent of ribosome
6/12 chitinase
49/191 hydrolase, acting on glycosyl bonds
7/20 chitin binding
6/15 ATPase, coupled to transmembrane movement of ions, rotational mechanism
7/28 ATPase−coupled cation transmembrane transporter
17/72 ligase, forming carbon−nitrogen bonds
67/245 ligase
11/44 delayed rectifier potassium channel
23/100 voltage−gated potassium channel
120/554 passive transmembrane transporter
18/81 voltage−gated calcium channel
50/224 voltage−gated ion channel
38/101 translation regulator, nucleic acid binding
26/57 translation initiation factor
47/137 translation regulator
331/1293 oxidoreductase
7/26 aldo−keto reductase (NADP)
52/239 oxidoreductase, acting on CH−OH group of donors
18/62 NADP binding
8/27 FMN binding
18/89 oxidoreductase, acting on the CH−CH group of donors
32/81 oxidoreductase, acting on NAD(P)H
11/18 NADH dehydrogenase (quinone)
31/118 iron−sulfur cluster binding
2/10 ferric iron binding
25/61 transferase, transferring alkyl or aryl (other than methyl) groups
10/21 glutathione transferase
5/7 glutathione disulfide oxidoreductase
9/23 intramolecular oxidoreductase, transposing S−S bonds
29/93 pyridoxal phosphate binding
43/148 carboxylic ester hydrolase
6/22 triglyceride lipase
9/31 thiolester hydrolase
74/226 transferase, transferring acyl groups other than amino−acyl groups
4/7 peptide alpha−N−acetyltransferase
5/6 fatty acid elongase
12/33 snoRNA binding
51/193 symporter
75/317 secondary active transmembrane transporter
109/489 active transmembrane transporter
56/229 active ion transmembrane transporter
3/6 choline binding
29/128 amino acid transmembrane transporter
110/526 anion transmembrane transporter
39/182 organic acid transmembrane transporter
4/38 thyroid hormone transmembrane transporter
10/26 intramolecular transferase
4/8 proteasome−activating ATPase

p < 0.001
p < 0.01
p < 0.05