p < 0.01
p < 0.05
p < 0.1

40/146 microtubule motor
52/198 motor
10/26 ATP−dependent microtubule motor, plus−end−directed
247/836 hydrolase, acting on acid anhydrides
18/70 ATP−dependent microtubule motor
47/164 helicase
3/13 long−chain fatty acid−CoA ligase
254/711 cytoskeletal protein binding
103/308 actin binding
10/24 ankyrin binding
10/24 microtubule plus−end binding
49/164 calmodulin binding
9/25 beta−tubulin binding
1/15 cGMP binding
123/365 guanyl ribonucleotide binding
78/231 GTPase
4/9 misfolded protein binding
44/85 unfolded protein binding
30/92 heat shock protein binding
5/23 structural constituent of nuclear pore
329/1123 enzyme binding
4/6 neurotrophin TRKA receptor binding
130/465 kinase binding
15/48 thioesterase binding
70/222 ubiquitin−like protein ligase binding
2/6 anaphase−promoting complex binding
5/15 cullin family protein binding
27/72 ubiquitin−like protein binding
8/20 general transcription initiation factor binding
5/12 TBP−class protein binding
6/7 proteasome−activating ATPase
9/25 basal RNA polymerase II transcription machinery binding
10/34 ubiquitin−like protein conjugating enzyme
326/1095 RNA binding
19/62 tRNA binding
6/13 poly−pyrimidine tract binding
27/76 translation regulator, nucleic acid binding
18/49 translation initiation factor
38/103 translation regulator
17/37 ribosome binding
33/94 ribonucleoprotein complex binding
5/6 7S RNA binding
9/26 signal sequence binding
37/102 catalytic, acting on a tRNA
18/40 aminoacyl−tRNA ligase
92/314 catalytic, acting on RNA
2/11 double−stranded RNA−specific ribonuclease
14/49 RNA methyltransferase
60/229 transferase, transferring one−carbon groups
3/16 catalytic, acting on a rRNA
17/46 rRNA binding
39/103 structural constituent of ribosome
81/204 carbohydrate binding
13/27 G−protein alpha−subunit binding
28/66 2−oxoglutarate−dependent dioxygenase
88/281 nucleoside−triphosphatase regulator
55/184 GTPase activator
2/5 ATPase inhibitor
19/56 calcium−dependent phospholipid binding
93/294 phospholipid binding
148/461 lipid binding
10/24 cysteine−type endopeptidase inhibitor
105/260 extracellular matrix structural constituent
13/29 ErbB−2 class receptor binding
292/794 calcium ion binding
9/14 receptor inhibitor
28/80 cargo receptor
30/79 signaling receptor activator
8/29 growth factor
11/28 fibroblast growth factor binding
7/13 calcium−dependent cysteine−type endopeptidase
166/486 endopeptidase
58/150 serine hydrolase
10/23 threonine−type peptidase
9/13 threonine−type endopeptidase
20/67 ATPase−coupled ion transmembrane transporter
13/40 ion transmembrane transporter, phosphorylative mechanism
37/122 primary active transmembrane transporter
8/31 ATPase−coupled inorganic anion transmembrane transporter
10/31 ATPase−coupled cation transmembrane transporter
7/10 macromolecule transmembrane transporter
5/6 protein transmembrane transporter
18/49 postsynaptic neurotransmitter receptor
9/18 acetylcholine receptor
10/26 acetylcholine−gated cation−selective channel
14/42 excitatory extracellular ligand−gated ion channel
9/19 acetylcholine binding
13/30 neurotransmitter binding
269/773 ion transmembrane transporter
11/41 intracellular ligand−gated ion channel
194/527 cation transmembrane transporter
28/96 ligand−gated cation channel
144/387 passive transmembrane transporter
5/9 ionotropic glutamate receptor
39/134 ligand−gated channel
336/991 transporter
6/25 temperature−gated ion channel
29/86 neurotransmitter receptor
4/9 inhibitory extracellular ligand−gated ion channel
6/13 ligand−gated anion channel
7/18 GABA−A receptor
242/749 signaling receptor
24/68 extracellular ligand−gated ion channel
10/33 GABA receptor
67/155 voltage−gated channel
5/7 low voltage−gated calcium channel
4/6 voltage−gated calcium channel involved in cardiac muscle cell action potential
65/193 divalent inorganic cation transmembrane transporter
24/56 voltage−gated calcium channel
4/7 high voltage−gated calcium channel
137/376 metal ion transmembrane transporter
16/31 delayed rectifier potassium channel
29/72 voltage−gated potassium channel
43/107 potassium ion transmembrane transporter
10/21 outward rectifier potassium channel
8/14 narrow pore channel
11/29 sodium channel
6/11 voltage−gated sodium channel
109/268 monovalent inorganic cation transmembrane transporter
42/107 sodium ion transmembrane transporter
26/71 channel regulator
9/16 glutamate receptor
6/12 basic amino acid transmembrane transporter
38/130 organic anion transmembrane transporter
3/5 L−arginine transmembrane transporter
14/43 L−amino acid transmembrane transporter
6/16 neutral amino acid transmembrane transporter
31/85 amino acid transmembrane transporter
37/116 carboxylic acid transmembrane transporter
68/199 active ion transmembrane transporter
11/30 amino acid:cation symporter
70/212 secondary active transmembrane transporter
10/24 organic acid:sodium symporter
52/136 symporter
29/77 solute:cation symporter
22/51 solute:sodium symporter
107/334 active transmembrane transporter
7/13 neurotransmitter:sodium symporter
8/18 neurotransmitter transmembrane transporter
4/17 carbohydrate transmembrane transporter
22/72 chloride transmembrane transporter
7/19 intracellular chloride channel
112/346 anion transmembrane transporter
34/118 inorganic anion transmembrane transporter
9/34 ion gated channel
6/22 intramembrane lipid transporter
5/13 phospholipid scramblase
3/5 fatty acid elongase
14/29 photoreceptor
9/29 adrenergic receptor
97/297 G protein−coupled receptor
23/70 G protein−coupled amine receptor
8/14 octopamine receptor
9/20 SNAP receptor
31/63 oxidoreductase, acting on NAD(P)H
12/21 NADH dehydrogenase
13/25 oxidoreductase, acting on NAD(P)H, quinone or similar compound as acceptor
6/10 oxidoreductase, acting on NAD(P)H, heme protein as acceptor
19/57 4 iron, 4 sulfur cluster binding
29/89 iron−sulfur cluster binding
29/60 electron transfer
8/10 oxidoreductase, acting on a heme group of donors
295/893 oxidoreductase
2/7 alditol:NADP+ 1−oxidoreductase
22/56 oxidoreductase, acting on a sulfur group of donors
15/36 disulfide oxidoreductase
8/14 oxidoreductase, acting on paired donors, with incorporation or reduction of molecular oxygen,
4/7 superoxide dismutase
12/24 phosphopantetheine binding
20/78 NAD binding
4/8 enoyl−CoA hydratase
19/46 intramolecular oxidoreductase
9/19 protein disulfide isomerase
56/145 isomerase
17/41 cis−trans isomerase
6/10 intramolecular oxidoreductase, interconverting aldoses and ketoses
11/17 obsolete cofactor binding
33/120 hydrolase, acting on glycosyl bonds
3/6 glucosylceramidase
3/9 5'−flap endonuclease
8/18 nucleoside diphosphate kinase
2/6 inositol hexakisphosphate 3−kinase
4/9 cholinesterase
4/5 oligosaccharyl transferase