



36/84 oxidoreductase, acting on CH-OH group of donors

6/9 malate dehydrogenase

164/449 oxidoreductase

16/30 oxidoreductase, acting on NAD(P)H, quinone or similar compound as acceptor

31/66 oxidoreductase, acting on NAD(P)H

88/236 cofactor binding

8/13 fatty-acyl-CoA binding

56/149 coenzyme binding

10/26 NAD binding

3/5 acetyl-CoA C-acyltransferase

17/47 oxidoreductase, acting on the CH-CH group of donors

11/24 iron-sulfur cluster binding

15/34 carbon-carbon lyase

7/16 ATPase, coupled to transmembrane movement of ions, rotational mechanism

26/60 proton transmembrane transporter

32/60 electron transfer

5/8 cytochrome-c oxidase

11/36 transferase, transferring alkyl or aryl (other than methyl) groups

43/116 organic anion transmembrane transporter

173/445 cytoskeletal protein binding

58/123 microtubule binding

75/173 tubulin binding

4/11 spectrin binding

210/610 protein-containing complex binding

9/15 dynein light intermediate chain binding

10/16 dynein light chain binding

26/52 microtubule motor

35/74 motor

13/19 ATP-dependent microtubule motor, plus-end-directed

19/30 ATP-dependent microtubule motor

18/49 phosphatidylinositol-4,5-bisphosphate binding

91/235 phospholipid binding

50/144 phosphatidylinositol binding

27/70 phosphatidylinositol bisphosphate binding

12/21 phosphatidylinositol-3,4-bisphosphate binding

17/37 phosphatidylinositol-3,4,5-trisphosphate binding

67/213 protein serine/threonine kinase

95/306 protein kinase

125/417 kinase

27/61 calmodulin binding

15/58 phosphoprotein binding

213/606 signaling receptor binding

154/435 protein domain specific binding

21/59 SH3 domain binding

4/8 gamma-catenin binding

8/23 actinin binding

7/27 mitogen-activated protein kinase binding

153/447 kinase binding

6/9 delta-catenin binding

15/34 Rac GTPase binding

31/69 Rho GTPase binding

42/120 molecular adaptor

18/61 potassium ion transmembrane transporter

11/38 potassium channel

16/61 voltage-gated channel

59/176 passive transmembrane transporter

6/25 voltage-gated potassium channel

5/15 outward rectifier potassium channel

40/122 gated channel

70/201 metal ion transmembrane transporter

4/11 voltage-gated sodium channel

18/43 ligand-gated cation channel

24/65 ligand-gated channel

29/77 calcium ion transmembrane transporter

132/284 structural molecule

69/120 structural constituent of ribosome

19/38 rRNA binding

31/98 heat shock protein binding

16/40 Hsp70 protein binding

83/235 ubiquitin-like protein ligase binding

60/179 proximal promoter sequence-specific DNA binding

118/373 regulatory region nucleic acid binding

3/6 cAMP response element binding

50/153 DNA-binding transcription activator

22/84 DNA-binding transcription repressor, RNA polymerase II-specific

148/448 DNA-binding transcription factor

15/37 core promoter binding

12/26 core promoter sequence-specific DNA binding

149/446 sequence-specific DNA binding

4/9 transcription coactivator binding

8/22 transcription cofactor binding

149/403 transcription factor binding

21/59 chromatin DNA binding

115/327 chromatin binding

9/31 promoter-specific chromatin binding

29/98 transcription corepressor

95/271 transcription coregulator

39/127 transferase, transferring one-carbon groups

45/146 catalytic, acting on DNA

13/45 deoxyribonuclease

17/69 endonuclease

25/125 nuclease

10/25 DNA secondary structure binding

26/74 hydrolase, acting on glycosyl bonds

5/21 cyclase

p < 0.001

p < 0.01

p < 0.05