amb−low − MF

p < 0.001
p < 0.01
p < 0.05

6/64 guanyl−nucleotide exchange factor
0/11 ATPase activator
50/160 structural molecule
23/64 structural constituent of ribosome
5/9 extracellular matrix structural constituent
16/43 structural constituent of cuticle
581/5104 binding
6/79 tRNA binding
61/386 RNA binding
34/595 double−stranded DNA binding
2/30 chromatin binding
2/12 guanyl ribonucleotide binding
102/412 small molecule binding
11/29 fatty−acyl−CoA binding
15/64 lipid binding
7/28 modified amino acid binding
9/19 carboxylic acid binding
4/9 signal sequence binding
3/5 peroxisome targeting sequence binding
23/69 amide binding
5/23 peptide binding
72/382 cation binding
21/60 iron ion binding
23/88 transition metal ion binding
146/710 ion binding
27/123 magnesium ion binding
18/158 calcium ion binding
12/67 translation regulator, nucleic acid binding
8/42 translation elongation factor
3/19 protein−containing complex binding
0/15 transcription factor binding
0/5 neuropeptide hormone
0/8 hormone
1/9 Notch binding
8/88 signaling receptor binding
21/289 protein binding
6/67 cytoskeletal protein binding
9/16 molecular carrier
9/9 oxygen carrier
1020/17172 catalytic
3/24 ribonuclease
4/50 nuclease
25/217 hydrolase, acting on ester bonds
145/800 hydrolase
19/142 pyrophosphatase
6/7 triglyceride lipase
10/40 lipase
13/43 carboxylic ester hydrolase
8/75 catalytic, acting on RNA
3/19 aminoacyl−tRNA ligase
6/15 alpha−mannosidase
28/145 hydrolase, acting on glycosyl bonds
11/92 mannosidase
3/7 glucosidase
56/247 peptidase
31/166 endopeptidase
15/46 serine−type peptidase
74/610 catalytic, acting on a protein
1/13 ATP−dependent peptidase
21/77 metallopeptidase
8/23 metallocarboxypeptidase
22/50 exopeptidase
8/13 aminopeptidase
9/44 isomerase
2/5 intramolecular oxidoreductase, transposing S−S bonds
7/15 intramolecular oxidoreductase
5/9 intramolecular oxidoreductase, interconverting aldoses and ketoses
0/7 racemase and epimerase
1/12 carbon−nitrogen ligase, with glutamine as amido−N−donor
4/29 ligase, forming carbon−nitrogen bonds
12/80 ligase
4/17 ligase, forming carbon−sulfur bonds
0/13 ligase, forming carbon−carbon bonds
0/9 CoA carboxylase
13/68 acyltransferase
4/6 citrate synthase
4/11 acyltransferase, acyl groups converted into alkyl on transfer
2/10 aminoacyltransferase
7/47 acyltransferase, transferring groups other than amino−acyl groups
2/10 O−acyltransferase
3/14 C−acyltransferase
18/268 kinase
2/5 adenylate kinase
5/19 nucleobase−containing compound kinase
3/7 galactokinase
1/8 hydroxymethyl−, formyl− and related transferase
8/31 transferase, transferring one−carbon groups
18/39 transferase, transferring alkyl or aryl (other than methyl) groups
16/23 glutathione transferase
2/11 prenyltransferase
18/79 lyase
2/5 aspartate 1−decarboxylase
9/32 carbon−carbon lyase
2/5 aldehyde−lyase
1/5 carbon−sulfur lyase
4/33 oxidoreductase, acting on the CH−CH group of donors
2/5 acyl−CoA oxidase
67/244 oxidoreductase
1/14 acyl−CoA dehydrogenase
3/11 oxidoreductase, acting on the CH−NH2 group of donors
15/29 monooxygenase
12/47 oxidoreductase, acting on CH−OH group of donors
1/8 alcohol dehydrogenase [NAD(P)+]
2/7 oxidoreductase, acting on CH or CH2 groups
7/19 peroxidase
2/5 catalase
11/28 antioxidant
2/5 glutathione peroxidase
4/8 oxidoreductase, acting on superoxide radicals as acceptor
10/26 oxidoreductase, acting on the aldehyde or oxo group of donors, NAD or NADP a
6/18 aldehyde dehydrogenase (NAD+)
14/43 oxidoreductase, acting on the aldehyde or oxo group of donors
4/16 oxidoreductase, acting on the aldehyde or oxo group of donors, disulfide as acceptor
2/6 oxoglutarate dehydrogenase (succinyl−transferring)
3/8 acetylglucosaminyltransferase
3/21 UDP−glycosyltransferase
13/106 glycosyltransferase
5/8 oligosaccharyl transferase
0/11 UDP−glucosyltransferase
8/21 transaminase
5/7 L−aspartate:2−oxoglutarate aminotransferase
1/6 uridylyltransferase
3/31 voltage−gated cation channel
6/48 voltage−gated ion channel
3/24 potassium channel
37/285 transporter
5/22 gap junction channel
7/40 ligand−gated cation channel
8/52 ligand−gated ion channel
9/59 calcium ion transmembrane transporter
27/136 ATP−dependent
21/75 microfilament motor