



- 1: 5.3 domain-ABC transporter 1
- 2: 5.3 domain-ABC transporter 2
- 3: 1.5 dna-binding
- 4: 1.38 GO:0003677-DNA binding
- 5: 4.07 ecc04000-Phenylalanine, tyrosine and tryptophan biosynthesis
- 6: 2.63 aromatic amino acid biosynthesis
- 7: 2.43 GO:0009073-aromatic amino acid family biosynthetic process
- 8: 2.36 GO:0046117-thioristate metabolic process
- 9: 1.51 atp-binding
- 10: 1.47 nucleotide-binding
- 11: 1.27 GO:0036554-adenyl nucleotide binding
- 12: 1.32 GO:0001883-purine nucleoside binding
- 13: 1.3 GO:0017076-purine nucleoside binding
- 14: 1.3 GO:0001882-nucleoside binding
- 15: 1.29 GO:0005024-ATP binding
- 16: 1.29 GO:0032559-adenyl ribonucleotide binding
- 17: 1.27 GO:0032555-purine ribonucleotide binding
- 18: 1.27 GO:0032553-ribonucleotide binding
- 19: 1.21 GO:0001566-nucleotide binding
- 20: 1.86 GO:0043228-non-membrane-bounded organelle
- 21: 1.86 GO:0043232-intracellular non-membrane-bounded organelle
- 22: 2.04 protein biosynthesis
- 23: 1.86 GO:0006412-translation
- 24: 1.96 GO:0006732-coenzyme metabolic process
- 25: 1.5 GO:0051186-cofactor metabolic process
- 26: 5.96 GO:0006568-tryptophan metabolic process
- 27: 5.96 GO:0005886-indolalkylamine metabolic process
- 28: 5.96 GO:0042434-indole derivative metabolic process
- 29: 5.96 GO:0042430-indole and derivative metabolic process
- 30: 2.93 GO:0009072-aromatic amino acid family metabolic process
- 31: 4.92 GO:0001622-tryptophan biosynthetic process
- 32: 4.92 GO:0042435-indole derivative biosynthetic process
- 33: 4.92 GO:0046219-indolalkylamine biosynthetic process
- 34: 2.83 GO:0042401-biogenic amine biosynthetic process
- 35: 1.87 GO:0006576-biogenic amine metabolic process
- 36: 4.1 GO:0019720-Mo-molybdopterin cofactor metabolic process
- 37: 4.1 GO:0051189-prosthetic group metabolic process
- 38: 4.1 GO:0006777-Mo-molybdopterin cofactor biosynthetic process
- 39: 4.1 GO:0012254-molybdopterin cofactor biosynthetic process
- 40: 4.1 GO:0043545-molybdopterin cofactor metabolic process
- 41: 2.83 GO:0042558-pterdine and derivative metabolic process
- 42: 2.83 GO:0042559-pterdine and derivative biosynthetic process
- 43: 5.41 Molybdopterin cofactor biosynthesis

- group 1: 1.92
- group 2: 1.49
- group 3: 1.33
- group 4: 1.26
- group 5: 1.22
- group 6: 1.22
- group 7: 1.16
- group 8: 1.12
- group 9: 1.11