

- O : Posttranslational modification, protein turnover, chaperones
- U : Intracellular trafficking, secretion, and vesicular transport
- N : Cell motility
- V : Defense mechanisms
- A : RNA processing and modification
- E : Amino acid transport and metabolism
- J : Translation, ribosomal structure and biogenesis
- G : Carbohydrate transport and metabolism
- I : Lipid transport and metabolism
- L : Replication, recombination and repair
- K : Transcription
- F : Nucleotide transport and metabolism
- Q : Secondary metabolites biosynthesis, transport and catabolism
- T : Signal transduction mechanisms
- D : Cell cycle control, cell division, chromosome partitioning
- C : Energy production and conversion
- S : Function unknown
- P : Inorganic ion transport and metabolism
- H : Coenzyme transport and metabolism
- M : Cell wall/membrane/envelope biogenesis

