

O : Posttranslational modification, protein turnover, chaperones

D : Cell cycle control, cell division, chromosome partitioning

U : Intracellular trafficking, secretion, and vesicular transport

Z : Cytoskeleton

N : Cell motility

C : Energy production and conversion

W : Extracellular structures

J : Translation, ribosomal structure and biogenesis

M : Cell wall/membrane/envelope biogenesis

B : Chromatin structure and dynamics

P : Inorganic ion transport and metabolism

S : Function unknown

L : Replication, recombination and repair

H : Coenzyme transport and metabolism

G : Carbohydrate transport and metabolism

T : Signal transduction mechanisms

F : Nucleotide transport and metabolism

E : Amino acid transport and metabolism

V : Defense mechanisms

I : Lipid transport and metabolism

K : Transcription

Q : Secondary metabolites biosynthesis, transport and catabolism



Decrease Increase