

J : Translation, ribosomal structure and biogenesis

O : Posttranslational modification, protein turnover, chaperones

F : Nucleotide transport and metabolism

D : Cell cycle control, cell division, chromosome partitioning

U : Intracellular trafficking, secretion, and vesicular transport

Z : Cytoskeleton

K : Transcription

G : Carbohydrate transport and metabolism

M : Cell wall/membrane/envelope biogenesis

C : Energy production and conversion

A : RNA processing and modification

N : Cell motility

H : Coenzyme transport and metabolism

V : Defense mechanisms

S : Function unknown

T : Signal transduction mechanisms

P : Inorganic ion transport and metabolism

L : Replication, recombination and repair

E : Amino acid transport and metabolism

I : Lipid transport and metabolism

Q : Secondary metabolites biosynthesis, transport and catabolism



Decrease Increase