

O : Posttranslational modification, protein turnover, chaperones

J : Translation, ribosomal structure and biogenesis

C : Energy production and conversion

B : Chromatin structure and dynamics

W : Extracellular structures

Q : Secondary metabolites biosynthesis, transport and catabolism

F : Nucleotide transport and metabolism

I : Lipid transport and metabolism

N : Cell motility

P : Inorganic ion transport and metabolism

V : Defense mechanisms

E : Amino acid transport and metabolism

D : Cell cycle control, cell division, chromosome partitioning

L : Replication, recombination and repair

T : Signal transduction mechanisms

U : Intracellular trafficking, secretion, and vesicular transport

H : Coenzyme transport and metabolism

S : Function unknown

K : Transcription

G : Carbohydrate transport and metabolism

M : Cell wall/membrane/envelope biogenesis



Decrease Increase