

O : Posttranslational modification, protein turnover, chaperones

B : Chromatin structure and dynamics

Z : Cytoskeleton

J : Translation, ribosomal structure and biogenesis

S : Function unknown

U : Intracellular trafficking, secretion, and vesicular transport

H : Coenzyme transport and metabolism

W : Extracellular structures

E : Amino acid transport and metabolism

N : Cell motility

L : Replication, recombination and repair

M : Cell wall/membrane/envelope biogenesis

T : Signal transduction mechanisms

P : Inorganic ion transport and metabolism

K : Transcription

A : RNA processing and modification

G : Carbohydrate transport and metabolism

F : Nucleotide transport and metabolism

C : Energy production and conversion

V : Defense mechanisms

D : Cell cycle control, cell division, chromosome partitioning

I : Lipid transport and metabolism

Q : Secondary metabolites biosynthesis, transport and catabolism



Decrease Increase