

O : Posttranslational modification, protein turnover, chaperones

E : Amino acid transport and metabolism

L : Replication, recombination and repair

F : Nucleotide transport and metabolism

I : Lipid transport and metabolism

D : Cell cycle control, cell division, chromosome partitioning

H : Coenzyme transport and metabolism

B : Chromatin structure and dynamics

A : RNA processing and modification

P : Inorganic ion transport and metabolism

K : Transcription

M : Cell wall/membrane/envelope biogenesis

S : Function unknown

T : Signal transduction mechanisms

U : Intracellular trafficking, secretion, and vesicular transport

Q : Secondary metabolites biosynthesis, transport and catabolism

C : Energy production and conversion

J : Translation, ribosomal structure and biogenesis

G : Carbohydrate transport and metabolism

V : Defense mechanisms

N : Cell motility

