

O : Posttranslational modification, protein turnover, chaperones

T : Signal transduction mechanisms

D : Cell cycle control, cell division, chromosome partitioning

F : Nucleotide transport and metabolism

V : Defense mechanisms

W : Extracellular structures

C : Energy production and conversion

J : Translation, ribosomal structure and biogenesis

E : Amino acid transport and metabolism

L : Replication, recombination and repair

I : Lipid transport and metabolism

N : Cell motility

P : Inorganic ion transport and metabolism

S : Function unknown

M : Cell wall/membrane/envelope biogenesis

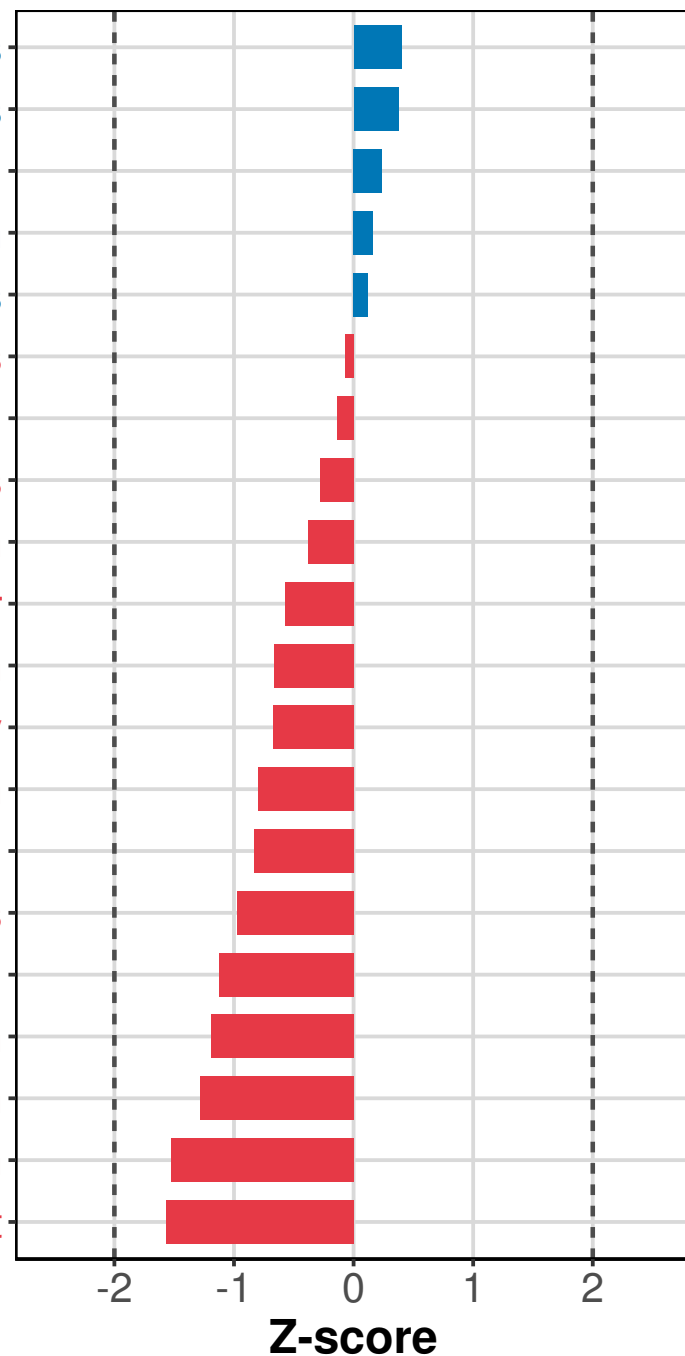
K : Transcription

H : Coenzyme transport and metabolism

Q : Secondary metabolites biosynthesis, transport and catabolism

G : Carbohydrate transport and metabolism

U : Intracellular trafficking, secretion, and vesicular transport



Decrease Increase