

O : Posttranslational modification, protein turnover, chaperones

T : Signal transduction mechanisms

M : Cell wall/membrane/envelope biogenesis

D : Cell cycle control, cell division, chromosome partitioning

G : Carbohydrate transport and metabolism

S : Function unknown

J : Translation, ribosomal structure and biogenesis

E : Amino acid transport and metabolism

K : Transcription

L : Replication, recombination and repair

U : Intracellular trafficking, secretion, and vesicular transport

I : Lipid transport and metabolism

V : Defense mechanisms

P : Inorganic ion transport and metabolism

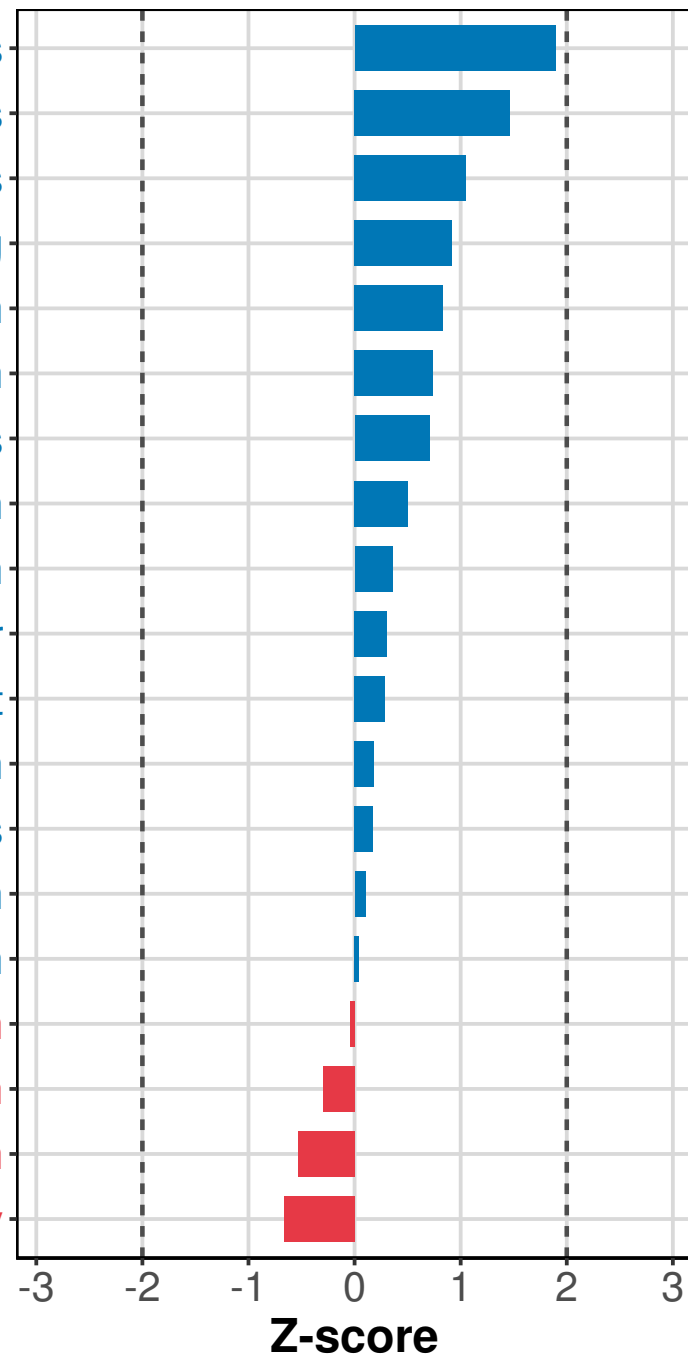
F : Nucleotide transport and metabolism

H : Coenzyme transport and metabolism

C : Energy production and conversion

Q : Secondary metabolites biosynthesis, transport and catabolism

N : Cell motility



Decrease Increase