

M : Cell wall/membrane/envelope biogenesis

C : Energy production and conversion

K : Transcription

S : Function unknown

L : Replication, recombination and repair

U : Intracellular trafficking, secretion, and vesicular transport

H : Coenzyme transport and metabolism

E : Amino acid transport and metabolism

F : Nucleotide transport and metabolism

I : Lipid transport and metabolism

G : Carbohydrate transport and metabolism

O : Posttranslational modification, protein turnover, chaperones

D : Cell cycle control, cell division, chromosome partitioning

V : Defense mechanisms

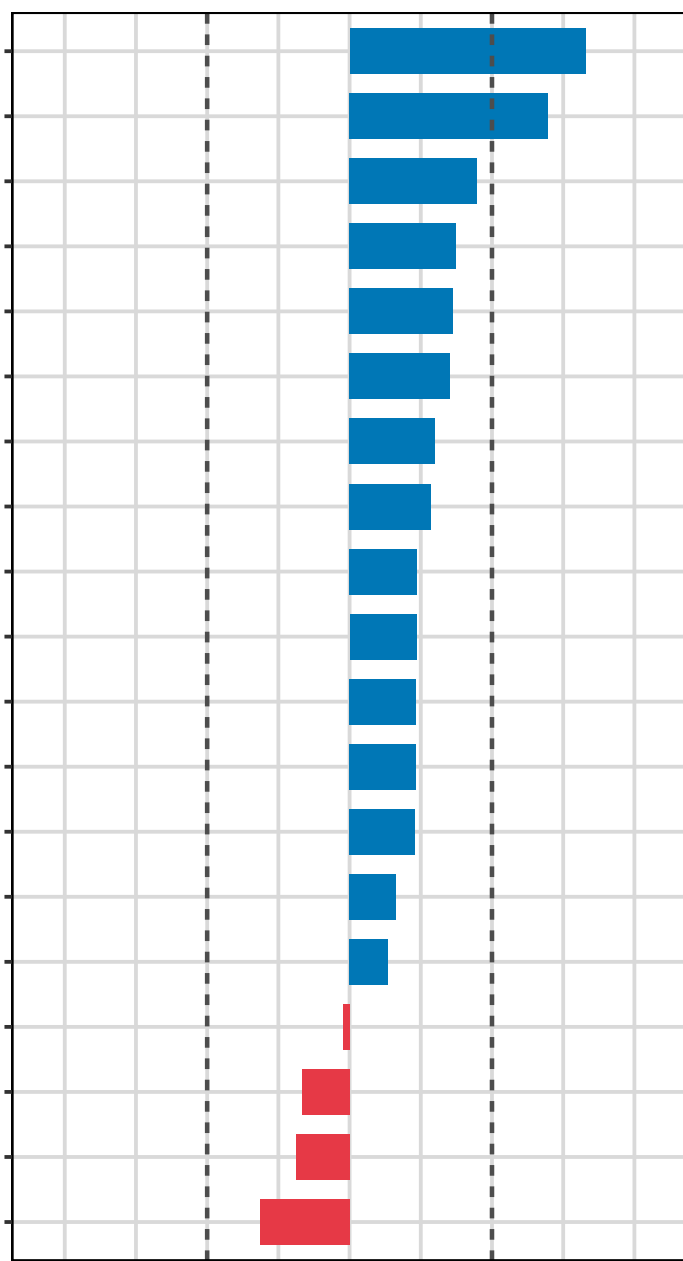
J : Translation, ribosomal structure and biogenesis

P : Inorganic ion transport and metabolism

N : Cell motility

T : Signal transduction mechanisms

Q : Secondary metabolites biosynthesis, transport and catabolism



-4 -3 -2 -1 0 1 2 3 4

**Z-score**

Decrease Increase