

O : Posttranslational modification, protein turnover, chaperones

W : Extracellular structures

T : Signal transduction mechanisms

S : Function unknown

D : Cell cycle control, cell division, chromosome partitioning

L : Replication, recombination and repair

V : Defense mechanisms

I : Lipid transport and metabolism

C : Energy production and conversion

N : Cell motility

P : Inorganic ion transport and metabolism

M : Cell wall/membrane/envelope biogenesis

G : Carbohydrate transport and metabolism

H : Coenzyme transport and metabolism

Q : Secondary metabolites biosynthesis, transport and catabolism

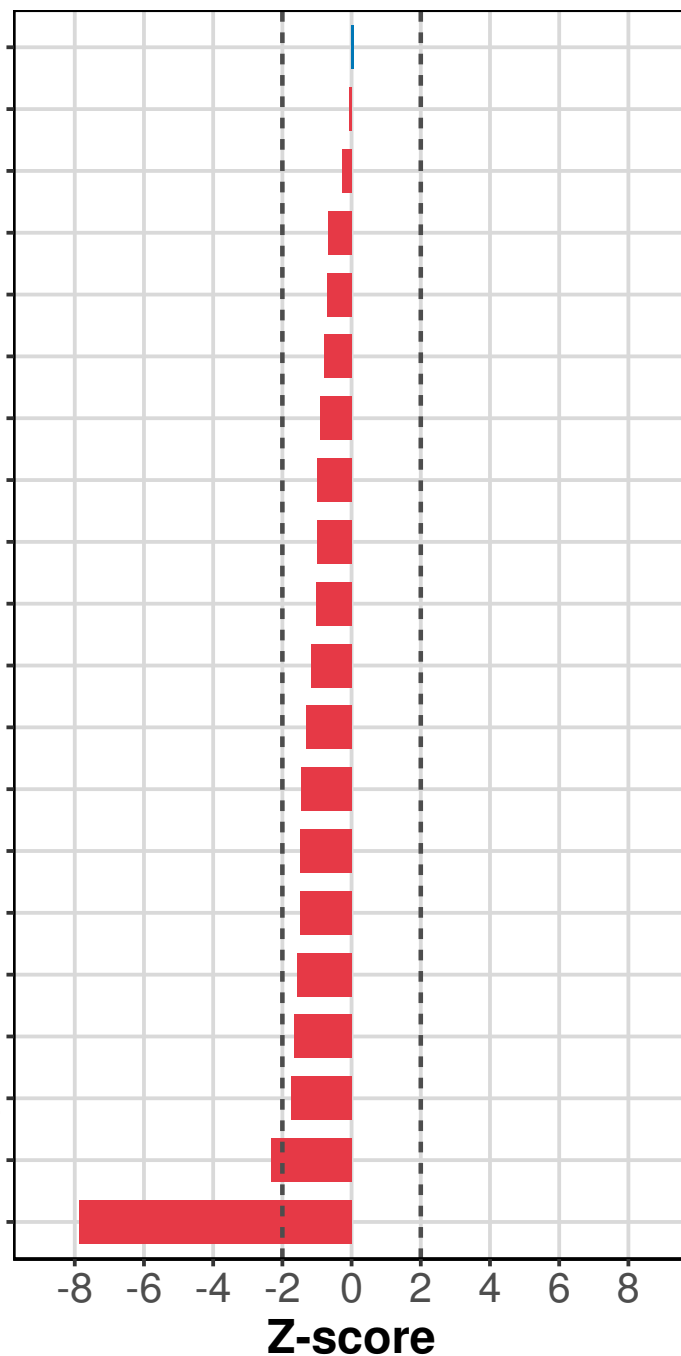
K : Transcription

F : Nucleotide transport and metabolism

U : Intracellular trafficking, secretion, and vesicular transport

E : Amino acid transport and metabolism

J : Translation, ribosomal structure and biogenesis



Decrease Increase