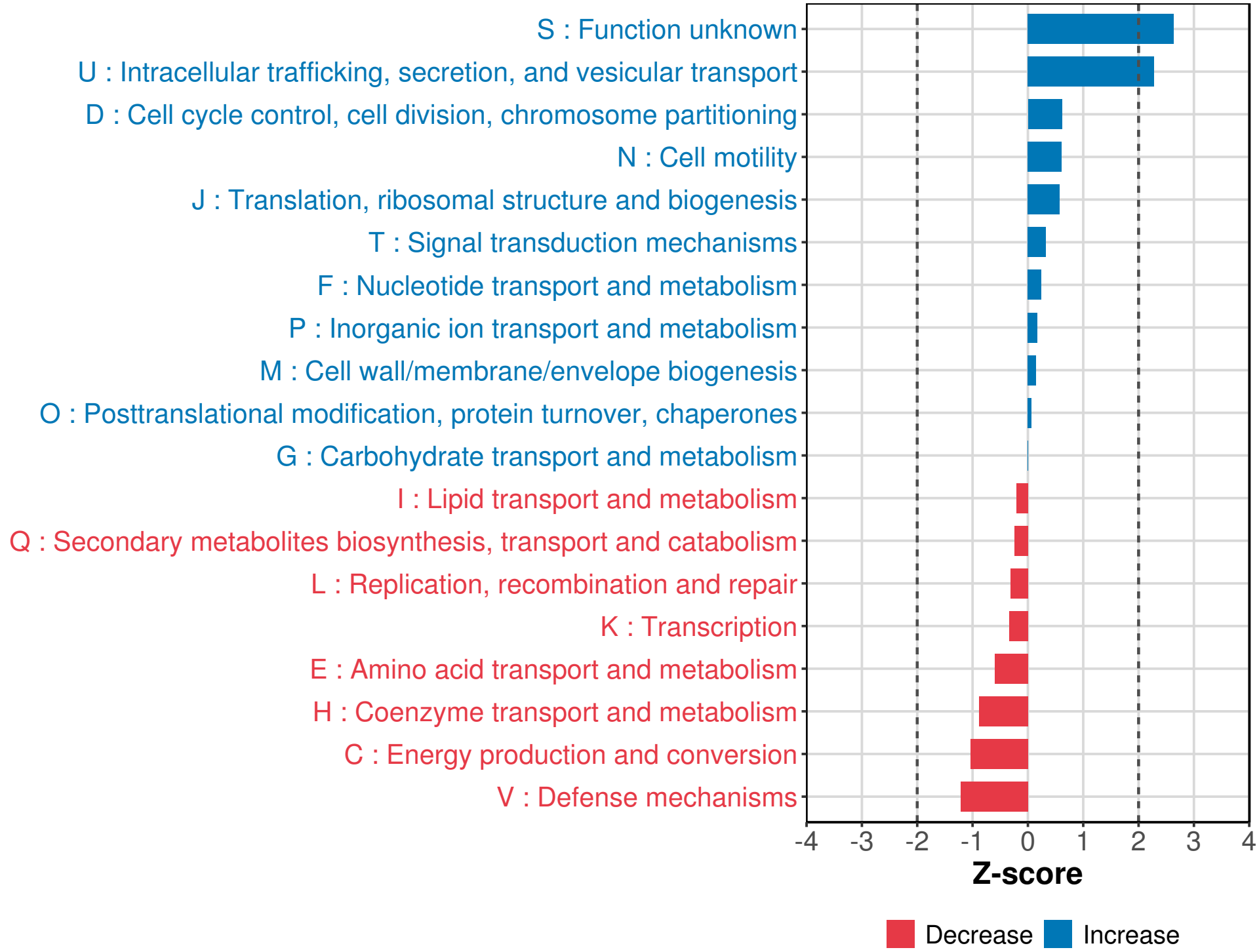
S : Function unknown
U : Intracellular trafficking, secretion, and vesicular transport
D : Cell cycle control, cell division, chromosome partitioning
N : Cell motility
J : Translation, ribosomal structure and biogenesis
T : Signal transduction mechanisms
F : Nucleotide transport and metabolism
P : Inorganic ion transport and metabolism
M : Cell wall/membrane/envelope biogenesis
O : Posttranslational modification, protein turnover, chaperones
G : Carbohydrate transport and metabolism
I : Lipid transport and metabolism
Q : Secondary metabolites biosynthesis, transport and catabolism
L : Replication, recombination and repair
K : Transcription
E : Amino acid transport and metabolism
H : Coenzyme transport and metabolism
C : Energy production and conversion
V : Defense mechanisms
-4
-3
-2
-1
0
1
2
3
4
Z-score
Decrease
Increase