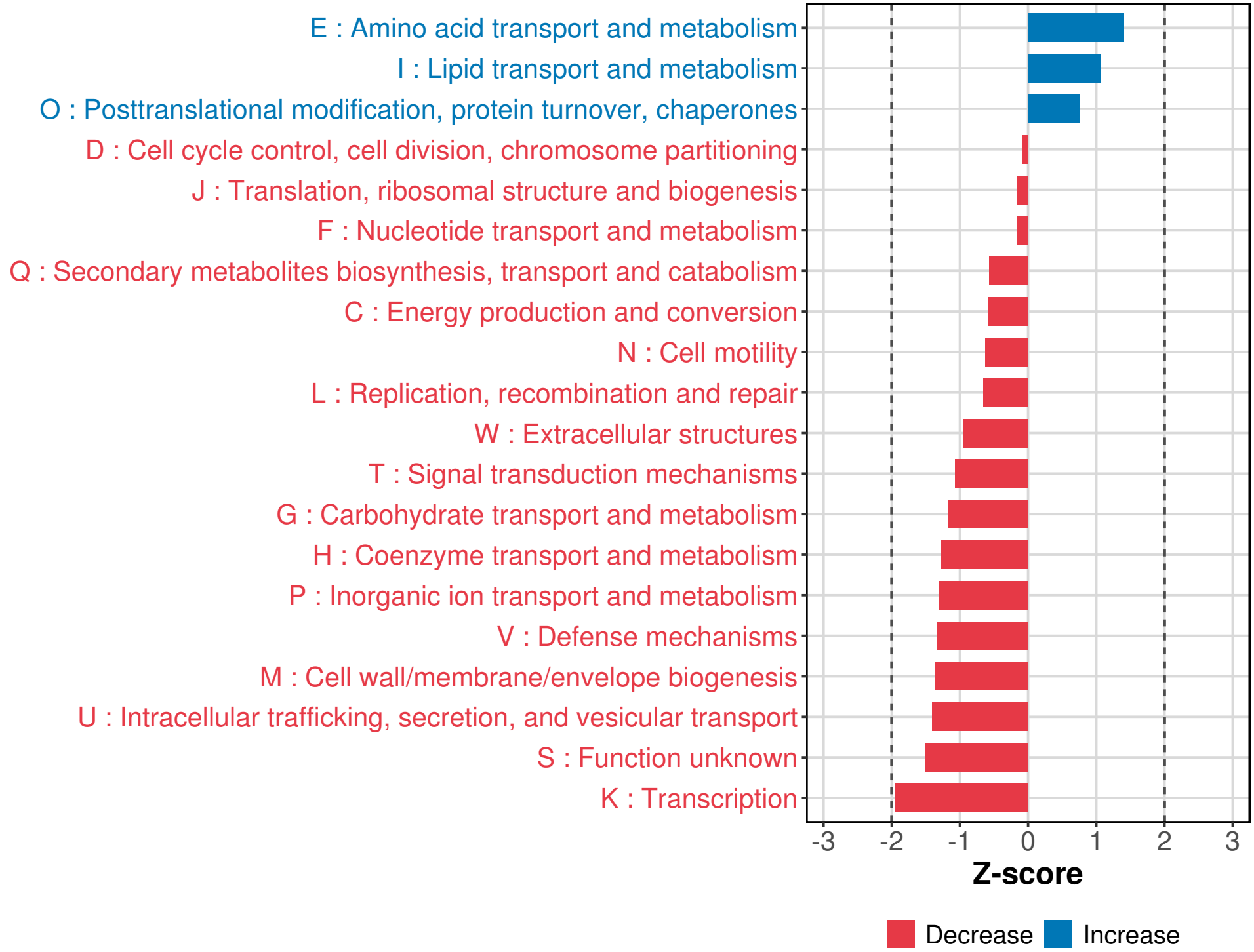
E : Amino acid transport and metabolism
I : Lipid transport and metabolism
O : Posttranslational modification, protein turnover, chaperones
D : Cell cycle control, cell division, chromosome partitioning
J : Translation, ribosomal structure and biogenesis
F : Nucleotide transport and metabolism
Q : Secondary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