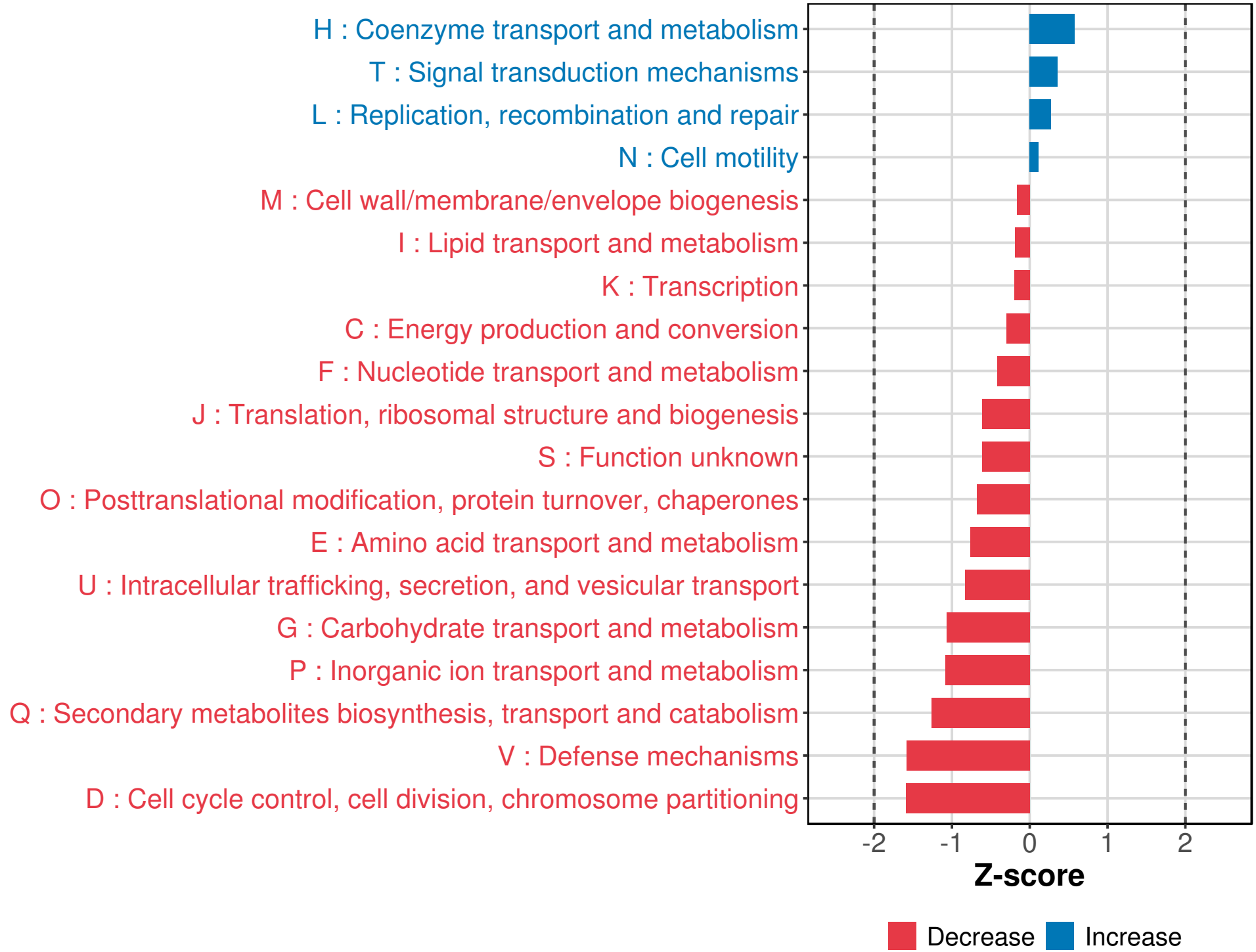
H : Coenzyme transport and metabolism
T : Signal transduction mechanisms
L : Replication, recombination and repair
N : Cell motility
M : Cell wall/membrane/envelope biogenesis
I : Lipid transport and metabolism
K : Transcription
C : Energy production and conversion
F : Nucleotide transport and metabolism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