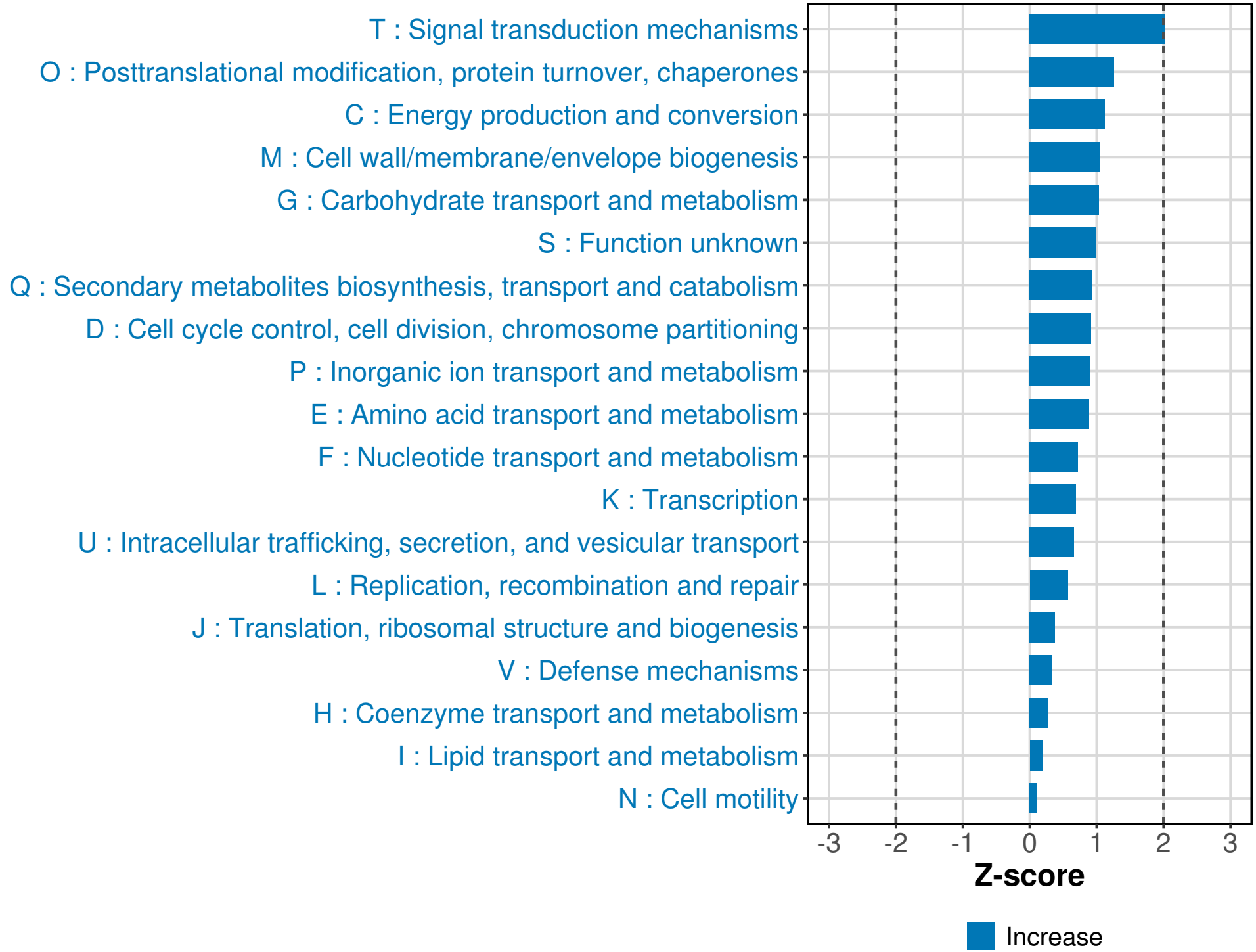
T : Signal transduction mechanisms
O : Posttranslational modification, protein turnover, chaperones
C : Energy production and conversion
M : Cell wall/membrane/envelope biogenesis
G : Carbohydrate transport and metabolism
S : Function unknown
Q : Secondary metabolites biosynthesis, transport and catabolism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