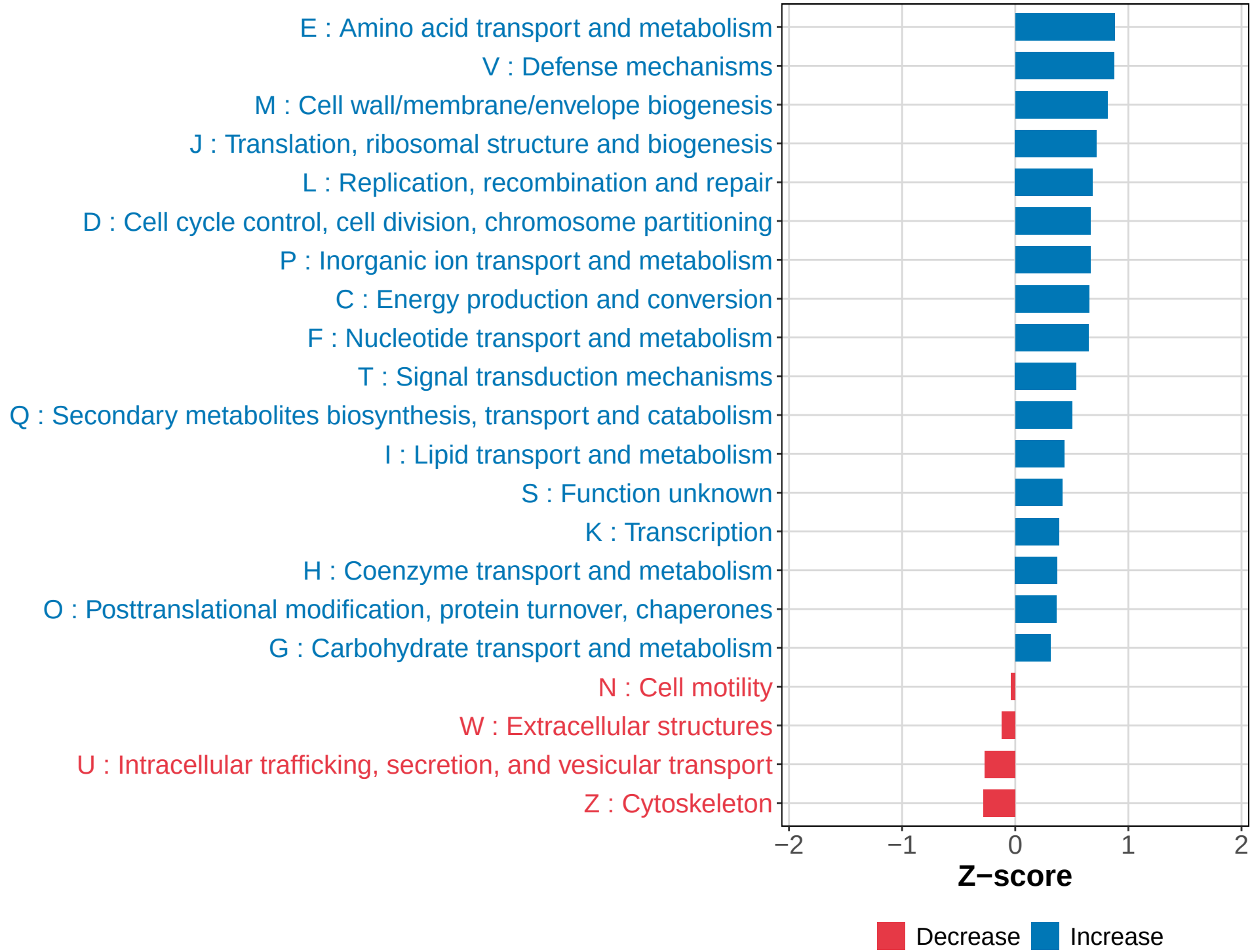
E : Amino acid transport and metabolism
V : Defense mechanisms
M : Cell wall/membrane/envelope biogenesis
J : Translation, ribosomal structure and biogenesis
L : Replication, recombination and repair
D : Cell cycle control, cell division, chromosome partitioning
P : Inorganic ion transport and metabolism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