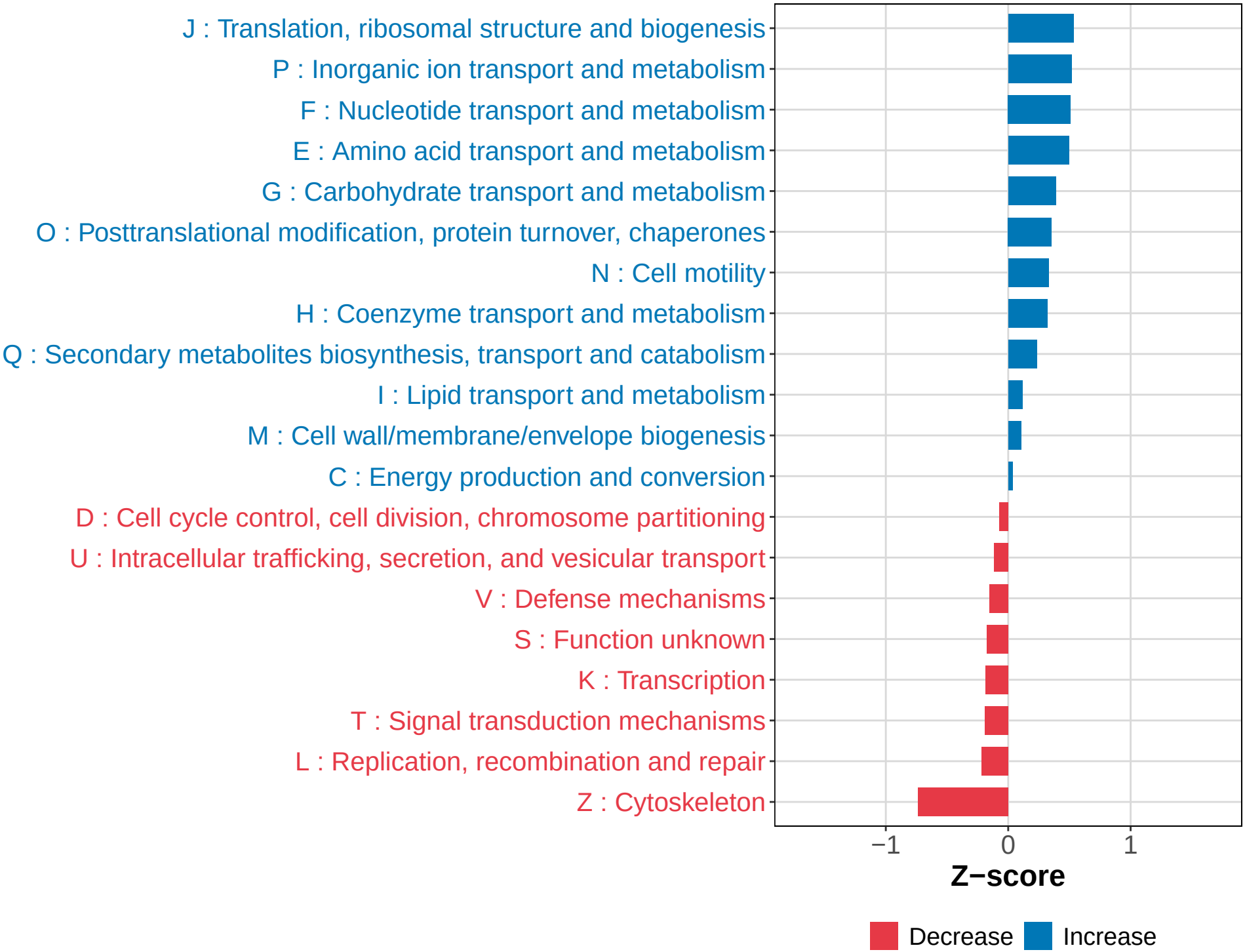
J : Translation, ribosomal structure and biogenesis
P : Inorganic ion transport and metabolism
F : Nucleotide transport and metabolism
E : Amino acid transport and metabolism
G : Carbohydrate transport and metabolism
O : Posttranslational modification, protein turnover, chaperones
N : Cell motility
H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