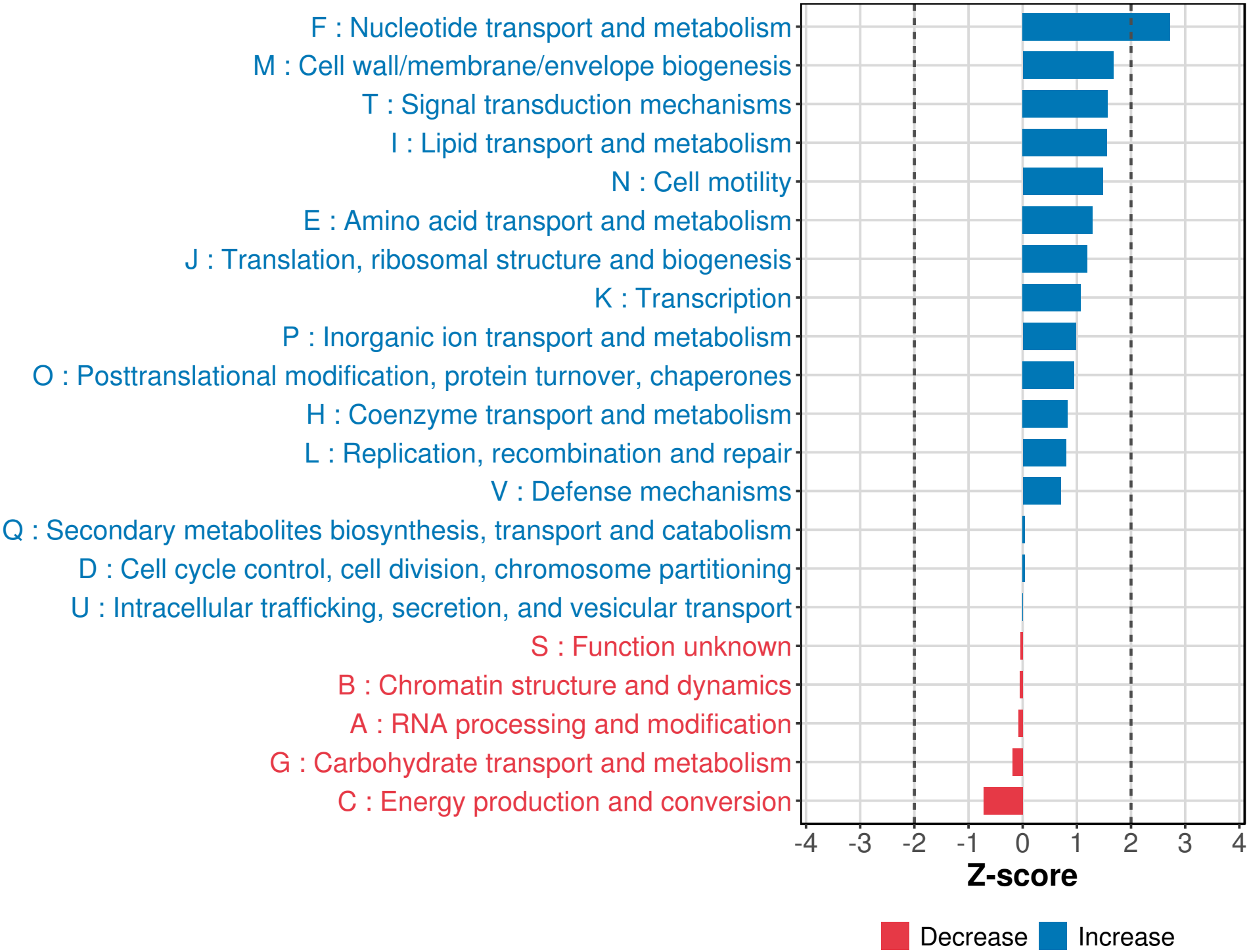
F : Nucleotide transport and metabolism
M : Cell wall/membrane/envelope biogenesis
T : Signal transduction mechanisms
I : Lipid transport and metabolism
N : Cell motility
E : Amino acid transport and metabolism
J : Translation, ribosomal structure and biogenesis
K : Transcription
P : Inorganic ion transport and metabolism
O : Posttranslational modification, protein turnover, chaperones
H : Coenzyme transport and metabolism
L : Replication, recombination and repair
V : Defense mechanisms
Q : Secondary metabolites biosynthesis, transport and catabolism
D : Cell cycle control, cell division, chromosome partitioning
U : Intracellular trafficking, secretion, and vesicular transport
S : Function unknown
B : Chromatin structure and dynamics
A : RNA processing and modification
G : Carbohydrate transport and metabolism
C : Energy production and conversion
-4
-3
-2
-1
0
1
2
3
4
Z-score
Decrease
Increase