

Non-essential pathways

Pathway

Synthesis and degradation of ketone bodies
Polycyclic aromatic hydrocarbon degradation
Nonribosomal peptide structures
Linoleic acid metabolism
Biofilm formation – Escherichia coli
Two-component system
ABC transporters
Phosphotransferase system (PTS)
Flagellar assembly
Microbial metabolism in diverse environments
Salmonella infection
Fructose and mannose metabolism
Starch and sucrose metabolism
Sulfur metabolism
Bacterial chemotaxis
Tyrosine metabolism
Butanoate metabolism
Pentose and glucuronate interconversions
Oxidative phosphorylation
Ascorbate and aldarate metabolism

0

10

20

30

$-\log_{10}(\text{P-value})$