Essential pathways Ribosome · Fatty acid biosynthesis -Terpenoid backbone biosynthesis -DNA replication -Protein export -Fatty acid metabolism -Peptidoglycan biosynthesis -Riboflavin metabolism -Lipopolysaccharide biosynthesis -Pathway Lysine biosynthesis -Homologous recombination -Pyrimidine metabolism -RNA polymerase -Mismatch repair -D-Glutamine and D-glutamate metabolism -Metabolic pathways -Porphyrin and chlorophyll metabolism -Biotin metabolism -Biosynthesis of secondary metabolites -Aminoacyl-tRNA biosynthesis -50 75 100 25 -log10(P-value)