Essential pathways Ribosome Fatty acid biosynthesis -Terpenoid backbone biosynthesis -DNA replication -Protein export -Fatty acid metabolism -Peptidoglycan biosynthesis -Riboflavin metabolism -Homologous recombination -Pathway Lysine biosynthesis -Lipopolysaccharide biosynthesis -Pyrimidine metabolism -Mismatch repair -RNA polymerase -D-Glutamine and D-glutamate metabolism -Metabolic pathways -Porphyrin and chlorophyll metabolism -Biosynthesis of secondary metabolites -Aminoacyl-tRNA biosynthesis -Vancomycin resistance -20 40 60 80 -log10(P-value)