enriched KEGG pathway Two-component system -ABC transporters -Gene number 10 Ribosome 20 30 Starch and sucrose metabolism KEGG_pathway 40 Amino sugar and nucleotide sugar metabolism $-\log_{10}(pvalue)$ Porphyrin and chlorophyll metabolism 3.5 3.0 Phosphotransferase system (PTS) 2.5 2.0 Peptidoglycan biosynthesis -1.5 1.0 Cell cycle - Caulobacter -Biofilm formation -Escherichia coli 0.04 0.06 0.08 0.10 GeneRatio