enriched KEGG pathway Microbial metabolism in diverse environments Gene number Starch and sucrose metabolism -10 Amino sugar and nucleotide sugar metabolism 20 30 Glycolysis / Gluconeogenesis -KEGG_pathway 50 Fructose and mannose metabolism $-\log_{10}(pvalue)$ Galactose metabolism Methane metabolism -2.5 2.0 Nitrogen metabolism -1.5 Histidine metabolism -Citrate cycle (TCA cycle) -0.10 0.05 0.15 0.20 GeneRatio