enriched KEGG pathway Biosynthesis of secondary metabolites Microbial metabolism in diverse environments Gene number Biosynthesis of antibiotics -25 50 Biosynthesis of amino acids -75 KEGG_pathway Carbon metabolism $-\log_{10}(\text{pvalue})$ Phenylalanine, tyrosine and tryptophan biosynthesis Fatty acid metabolism -Sulfur metabolism -Selenocompound metabolism -Histidine metabolism 0.1 0.2 GeneRatio