

Pathways	Total genes	P-value
Alanine, aspartate and glutamate metabolism	8	0.0003
Homologous recombination	7	0.001
Oxidative phosphorylation	9	0.001
beta-Lactam resistance	5	0.001
Mismatch repair	5	0.005
Glycerolipid metabolism	3	0.013
Lipopolysaccharide biosynthesis	5	0.013
Galactose metabolism	6	0.014
Pyrimidine metabolism	9	0.018
Glyoxylate and dicarboxylate metabolism	6	0.021
Streptomycin biosynthesis	2	0.025
C5-Branched dibasic acid metabolism	2	0.034