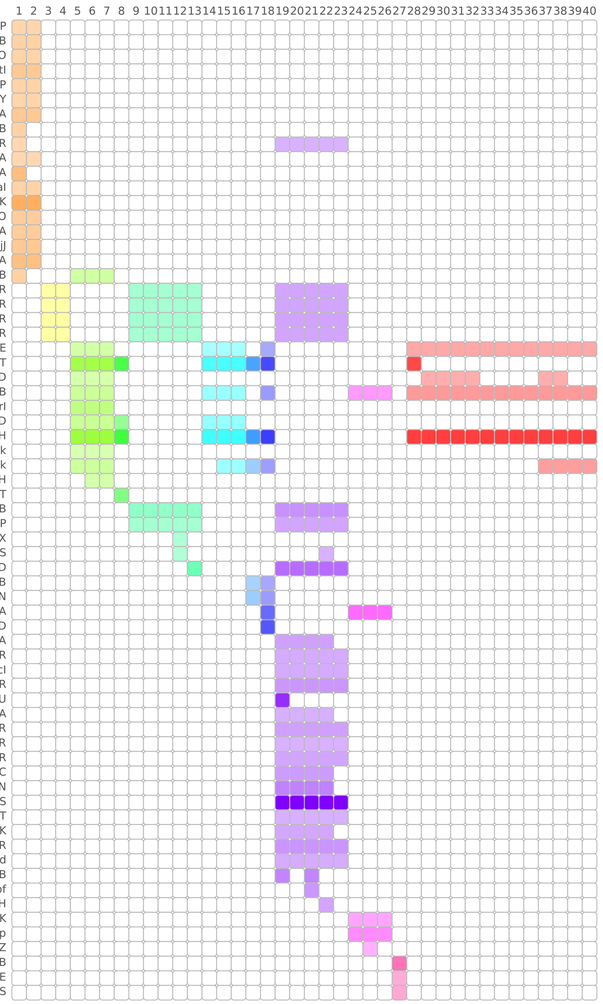

1: 2.13 GO:0042597~periplasmic space
2: 1.71 periplasm
3: 6.21 PIRSF003173:response regulator,OmpR type
4: 4.56 IPR001867:Signal transduction response regulator,C-terminal
5: 2.2 GO:0009165~nucleotide biosynthetic process
6: 1.98 GO:0034654~nucleobase,nucleoside,nucleotide and nucleic acid biosynthetic process
7: 1.98 GO:0034404~nucleobase,nucleoside and nucleotide biosynthetic process
8: 5.65 ecz00670:One carbon pool by folate
9: 3.3 domain:Response regulatory
10: 3.22 IPR001789:Signal transduction response regulator,receiver region
11: 2.82 SM00448:REC
12: 2.34 two-component regulatory system
13: 2.47 GO:0000156~two-component response regulator activity
14: 5.5 purine biosynthesis
15: 2.46 GO:0006164~purine nucleotide biosynthetic process
16: 2.4 GO:0006163~purine nucleotide metabolic process
17: 3.39 ecs00230:Purine metabolism
18: 2.28 ece00230:Purine metabolism
19: 1.62 transcription regulation
20: 1.49 Transcription
21: 1.41 GO:0006350~transcription
22: 1.33 GO:0045449~regulation of transcription
23: 1.3 GO:0030528~transcription regulator activity
24: 4.4 potassium
25: 3.14 GO:0031420~alkali metal ion binding
26: 3.99 GO:0030955~potassium ion binding
27: 7.26 ecf00380:Tryptophan metabolism
28: 6.24 purine nucleotide biosynthesis
29: 5.03 GO:0009161~ribonucleoside monophosphate metabolic process
30: 5.03 GO:0009156~ribonucleoside monophosphate biosynthetic process
31: 4.14 GO:0009123~nucleoside monophosphate metabolic process
32: 4.14 GO:0009124~nucleoside monophosphate biosynthetic process
33: 4.8 GO:0009126~purine nucleoside monophosphate metabolic process
34: 4.8 GO:0009167~purine ribonucleoside monophosphate metabolic process
35: 4.8 GO:0009168~purine ribonucleoside monophosphate biosynthetic process
36: 4.8 GO:0009127~purine nucleoside monophosphate biosynthetic process
37: 2.45 GO:0009260~ribonucleotide biosynthetic process
38: 2.38 GO:0009259~ribonucleotide metabolic process
39: 2.13 GO:0009152~purine ribonucleotide biosynthetic process
40: 2.07 GO:0009150~purine ribonucleotide metabolic process

group 1: 1.92
group 2: 1.46
group 3: 1.38
group 4: 1.36
group 5: 1.36
group 6: 1.34
group 7: 1.28
group 8: 1.25
group 9: 1.18
group 10: 1.18
group 11: 1.03
group 12: 1.01