a

Number of genes
250
200
150
100
50
0
216
161
105
97
96
73
61
56
42
39
31
20
18
9
9
8
8
3
3
3
2
2
2
1
1
1
1 2 3 5 4 7 6 9 8 10 11 12 13 14 16 15 17 18 21 22 19 25 28 20 23 27
Number of promoters

b

Number of tpCOG-coincident promoters
4000
3000
2000
1000
0
3895
683
285
179
121
65
68
39
47
42
29
30
20
11
20
11
10
12
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
Number of tissues