

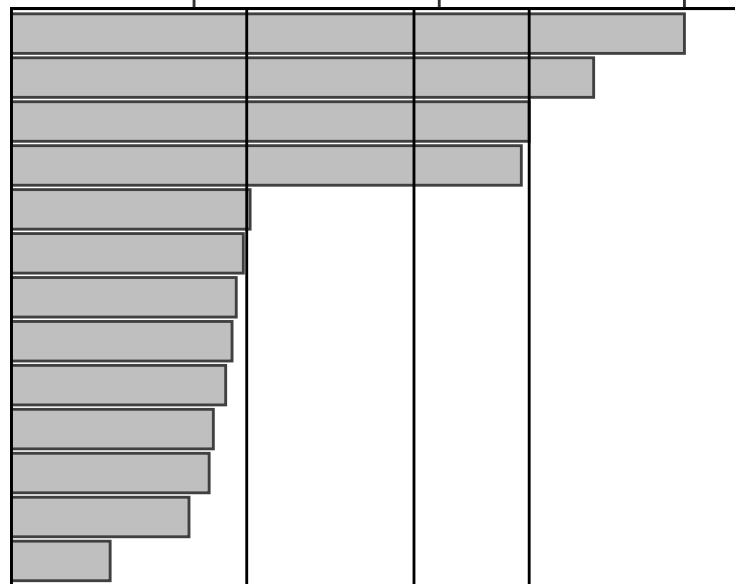
Costs relative to the cell budget (%)

0

1

2

total cell budget  
membrane lipid synthesis  
developmental programm  
essential genes  
biofilm structure  
genome replication  
heat-shock proteins  
competence  
basal metabolism h-1  
flagella  
swarming  
homeostasis  
chemotaxis



8

9

10

ATP molecules