



37. Glucose dehydrogenase - *Cyanobacteria*  
39. Glucose dehydrogenase - *Cyanobacteria*  
56. Chaperonin GroEL - *Deltaproteobacteria*  
66. Fibronectin type III - unclassified  
68. S-layer homology - *Fimbriimonas*  
70. Cytochrome c oxidase - *Eukaryota*  
79. Cytochrome c oxidase - unclassified  
82. Metal-binding motif - *Bacteroidetes*  
85. F-type ATPase - *Chitinophagia*  
86. molecular chaperone HtpG - *Eukaryota*
8. PQQ-dependent dehydrogenase - LD28  
33. Translation elongation factor - *Actinobacteria*  
36. YTV protein- acI-A6  
40. Translation elongation factor - acI-A6  
42. DNA-directed RNA polymerase - LD12  
46. Sodium:solute transporter - acI-A6  
48. DNA-directed RNA polymerase - *Cyanobacteria*  
52. ABC-type sugar transport - acI-B1  
53. Translation elongation factor - acI-A6  
54. Por secretion system - *Sphingobacteriia*
4. Beta-barrel porin-2 - *Verrucomicrobia*  
15. Ig-like domain - unclassified  
25. Ig-like domain - unclassified  
27. PEP-CTERM motif - unclassified  
28. Cytochrome c oxidase - *Eukaryota*  
29. Cytochrome b6 - unclassified  
30. Ig-like domain - acI-B  
32. S-layer homology - *Fimbriimonas*  
37. Ribonucleoside-diphosphate reductase - *Pedospaera parvula*  
39. DNA-directed RNA polymerase - *Verrucomicrobia*