

Classifier: RDP Naive Bayesian rRNA Classifier Version 2.11,  
September 2015

Taxonomical Hierarchy: RDP 16S rRNA training set 16

Query File: F1-F4 GenBank and RDP.fas

Submit Date: Wed Jul 10 06:49:28 EDT 2019

Confidence threshold (for classification to Root ONLY): 95%

Symbol +/- indicates predicted sequence orientation

F1I.20\_++;Root;100%;Bacteria;100%;"Bacteroidetes";  
100%;Flavobacteriia;98%;"Flavobacteriales";98%;Flavobacteriaceae;  
77%;Kordia;13%  
F1I.24\_++;Root;100%;Bacteria;100%;"Bacteroidetes";  
100%;Flavobacteriia;98%;"Flavobacteriales";98%;Flavobacteriaceae;  
77%;Kordia;14%  
F1I30\_++;Root;100%;Bacteria;100%;"Bacteroidetes";100%;Flavobacteriia;  
98%;"Flavobacteriales";98%;Flavobacteriaceae;77%;Kordia;13%  
F1II.30\_++;Root;100%;Bacteria;100%;"Bacteroidetes";  
100%;Flavobacteriia;99%;"Flavobacteriales";99%;Flavobacteriaceae;  
80%;Wenyingzhuangia;15%  
F1I.21\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
100%;Betaproteobacteria;100%;Burkholderiales;100%;Oxalobacteraceae;  
100%;Herbaspirillum;100%  
F1II.8\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
100%;Betaproteobacteria;100%;Burkholderiales;100%;Oxalobacteraceae;  
100%;Herbaspirillum;100%  
F1I.25\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
100%;Alphaproteobacteria;100%;Rhodobacterales;100%;Rhodobacteraceae;  
100%;Roseovarius;56%  
F1II.25\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;  
100%;Propionibacterineae;100%;Propionibacteriaceae;  
100%;Propionibacterium;100%  
F1II.2\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;  
100%;Propionibacterineae;100%;Propionibacteriaceae;  
100%;Propionibacterium;100%  
F1II.15\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;  
100%;Propionibacterineae;100%;Propionibacteriaceae;  
100%;Propionibacterium;100%  
F1II.3\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
100%;Alphaproteobacteria;100%;SAR11;100%;Candidatus Pelagibacter;  
100%  
F1II.23\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
100%;Alphaproteobacteria;100%;SAR11;100%;Candidatus Pelagibacter;  
100%  
F1II.26\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
100%;Alphaproteobacteria;100%;SAR11;100%;Candidatus Pelagibacter;  
100%  
F1II.4\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;  
100%;Micrococcineae;100%;Microbacteriaceae;100%;Microcella;51%  
F1II.1\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;

100%;Micrococcineae;100%;Microbacteriaceae;100%;Rhodoluna;19%  
 F1II.28\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
 100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;  
 100%;Micrococcineae;100%;Microbacteriaceae;100%;Pontimonas;93%  
 F1II.29\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
 100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;  
 100%;Micrococcineae;100%;Microbacteriaceae;100%;Agrococcus;53%  
 F1II.32\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
 100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;  
 100%;Micrococcineae;100%;Microbacteriaceae;100%;Rhodoluna;49%  
 F1I.27\_++;Root;100%;Bacteria;100%;"Bacteroidetes";  
 100%;Flavobacteriia;100%;"Flavobacteriales";100%;Flavobacteriaceae;  
 100%;Flavivirga;28%  
 F1II.17\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
 100%;Alphaproteobacteria;100%;SAR11;100%;Candidatus Pelagibacter;  
 100%  
 F1II.9\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
 100%;Alphaproteobacteria;100%;SAR11;100%;Candidatus Pelagibacter;  
 100%  
 F1II.31\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
 100%;Alphaproteobacteria;100%;Rhodobacterales;100%;Rhodobacteraceae;  
 100%;Roseicyclus;46%  
 F1II.35\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
 100%;Alphaproteobacteria;100%;Rhodobacterales;100%;Rhodobacteraceae;  
 100%;Litoreibacter;100%  
 F1II.21\_++;Root;100%;Bacteria;100%;"Proteobacteria";  
 100%;Alphaproteobacteria;100%;Rhodobacterales;80%;Rhodobacteraceae;  
 80%;Hasllibacter;27%  
 F1II.27\_++;Root;100%;Bacteria;100%;Firmicutes;100%;Bacilli;  
 100%;Lactobacillales;100%;Streptococcaceae;100%;Streptococcus;100%  
 F1II.24\_++;Root;100%;Bacteria;100%;Firmicutes;100%;Bacilli;  
 100%;Lactobacillales;100%;Streptococcaceae;100%;Streptococcus;100%  
 F1II.14\_++;Root;100%;Bacteria;100%;"Bacteroidetes";  
 100%;Flavobacteriia;99%;"Flavobacteriales";99%;Flavobacteriaceae;  
 80%;Kordia;22%  
 F1II.6\_++;Root;100%;Bacteria;100%;"Bacteroidetes";  
 100%;Flavobacteriia;99%;"Flavobacteriales";99%;Flavobacteriaceae;  
 80%;Kordia;22%  
 F1I.23\_++;Root;100%;Bacteria;100%;"Bacteroidetes";  
 100%;Flavobacteriia;99%;"Flavobacteriales";99%;Flavobacteriaceae;  
 80%;Kordia;22%  
 F1II.5\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
 100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;  
 100%;Micrococcineae;100%;Microbacteriaceae;100%;Pontimonas;93%  
 F1II.13\_++;Root;100%;Bacteria;100%;"Actinobacteria";  
 100%;Actinobacteria;100%;Actinobacteridae;100%;Actinomycetales;  
 100%;Micrococcineae;100%;Microbacteriaceae;100%;Pontimonas;93%  
 F1I.26\_++;Root;100%;Bacteria;100%;"Bacteroidetes";  
 100%;Flavobacteriia;100%;"Flavobacteriales";100%;Flavobacteriaceae;  
 100%;Flavivirga;28%