0
20
40
60
80
100
Value
Group6
Established RA RF negative
Established RA RF positive
Catonella morbi
Treponema sp._HMT_231
Capnocytophaga leadbetteri
Capnocytophaga gingivalis
Gemella morbillorum
Treponema socranskii
Peptostreptococcaceae_[XI][G−9] [Eubacterium]_brachy
Fusobacterium sp._HMT_204
Streptococcus intermedius
Prevotella sp._HMT_472
Selenomonas noxia
Leptotrichia shahii
Capnocytophaga granulosa
Kingella oralis
Lachnoanaerobaculum saburreum
Veillonella parvula
Porphyromonas catoniae
Corynebacterium matruchotii_nov_97.755%
Capnocytophaga sp._HMT_326
Neisseria bacilliformis
Tannerella sp._HMT_286
Lachnospiraceae_[G−3] bacterium_HMT_100
Fusobacterium periodonticum
Olsenella sp._HMT_807
Streptococcus gordonii
Prevotella oris
Prevotella nigrescens
Streptococcus oralis_subsp._tigurinus_clade_071
Granulicatella adiacens
Streptococcus chosunense
Fretibacterium sp._HMT_360
Tannerella forsythia_nov_97.516%
Fusobacterium nucleatum_subsp._animalis
Selenomonas sputigena
Actinomyces sp._HMT_897
Saccharibacteria_(TM7)_[G−5] bacterium_HMT_356
Parvimonas micra
Tannerella forsythia
Bilophila wadsworthia
Campylobacter gracilis
Actinomyces sp._HMT_525
Prevotella pleuritidis
Actinomyces dentalis
Actinomyces dentalis_nov_97.787%
Saccharibacteria_(TM7)_[G−1] bacterium_HMT_346
Streptococcus mutans
Porphyromonas gingivalis
Fusobacterium nucleatum_subsp._vincentii
Porphyromonas endodontalis
Alloprevotella tannerae
Actinomyces israelii
Streptococcus oralis
Capnocytophaga endodontalis
Actinomyces sp._HMT_170
Streptococcus sp._HMT_064
Cardiobacterium hominis
Neisseria oralis
Actinomyces johnsonii
Leptotrichia hongkongensis
Arachnia rubra
Lautropia dentalis
Schaalia sp._HMT_180
Streptococcus oralis_subsp._dentisani_clade_058
Streptococcus oralis_subsp._tigurinus_clade_070
Veillonella dispar_parvula
Rothia aeria
Actinomyces gerencseriae
Actinomyces massiliensis
Schaalia georgiae
Actinomyces sp._HMT_171
Leptotrichia sp._HMT_498
Propionibacterium acidifaciens
Bacteroidales_[G−2] bacterium_HMT_274
Prevotella sp._HMT_317
Oribacterium sp._HMT_078
Arachnia propionica
Streptococcus sp._HMT_423
Kingella denitrificans
Neisseria mucosa
Lautropia mirabilis
Haemophilus parainfluenzae
Actinomyces naeslundii
Leptotrichia wadei
Streptococcus cristatus_clade_578
Streptococcus mitis
Saccharibacteria_(TM7)_[G−3] bacterium_HMT_351
Leptotrichia buccalis
Corynebacterium matruchotii
Actinomyces sp._HMT_448
Peptidiphaga gingivicola
Peptidiphaga sp._HMT_183
Saccharibacteria_(TM7)_[G−1] bacterium_HMT_349
Actinomyces israelii_nov_96.825%
Fusobacterium nucleatum
Rothia dentocariosa
Sphingomonas hankookensis_nov_97.685%
Actinomyces sp._HMT_169
Streptococcus sanguinis
Neisseria perflava
Ralstonia sp._HMT_406
Species
F16861.S027
F16861.S006
F16861.S007
F16861.S028
F16861.S024
F16861.S017
F16861.S008
F16861.S018
F16861.S022
F16861.S013
F16861.S001
F16861.S005
F16861.S025
F16861.S002
F16861.S014
F16861.S011
F16861.S026
F16861.S003
F16861.S009
F16861.S010
F16861.S015
F16861.S012
F16861.S004
F16861.S020
F16861.S016
F16861.S021
F16861.S019
Samples