0
20
40
60
80
100
Value
RA
Early RA Healthy
Established RA Healthy
Selenomonas noxia
Capnocytophaga endodontalis
Campylobacter gracilis
Actinomyces dentalis
Saccharibacteria_(TM7)_[G−1] bacterium_HMT_346
Prevotella sp._HMT_317
Olsenella sp._HMT_807
Saccharibacteria_(TM7)_[G−5] bacterium_HMT_356
Fusobacterium nucleatum_nucleatum_subsp._animalis
Parvimonas micra
Leptotrichia sp._HMT_212
Capnocytophaga gingivalis
Streptococcus mitis
Prevotella oulorum
Lachnoanaerobaculum saburreum
Schaalia sp._HMT_178
Capnocytophaga granulosa
Gemella morbillorum
Streptococcus cristatus_clade_578
Eikenella corrodens
Alloprevotella tannerae
Cardiobacterium hominis
Neisseria bacilliformis
Rothia mucilaginosa
Streptococcus salivarius
Streptococcus chosunense
Actinomyces naeslundii_nov_96.545%
Prevotella melaninogenica
Actinomyces sp._HMT_525
Prevotella sp._HMT_472
Leptotrichia sp._HMT_225
Neisseria flavescens
Saccharibacteria_(TM7)_[G−1] bacterium_HMT_348
Streptococcus oralis
Prevotella nigrescens
Lancefieldella rimae
Dialister invisus
Oribacterium sp._HMT_078
Prevotella denticola
Streptococcus intermedius
Neisseria sicca
Neisseria elongata
Capnocytophaga leadbetteri
Granulicatella adiacens
Abiotrophia defectiva
Streptococcus sanguinis_nov_97.782%
Actinomyces oris
Neisseria oralis
Actinomyces johnsonii
Leptotrichia goodfellowii
Porphyromonas gingivalis
Lactobacillus johnsonii
Veillonella parvula
Prevotella salivae
Actinomyces sp._HMT_175
Peptidiphaga gingivicola
Leptotrichia hongkongensis
Kingella oralis
Schaalia sp._HMT_180
Streptococcus oralis_subsp._tigurinus_clade_070
Streptococcus oralis_subsp._dentisani_clade_058
Actinomyces gerencseriae
Prevotella oris
Streptococcus anginosus
Selenomonas sputigena
Corynebacterium durum
Propionibacterium acidifaciens
Leptotrichia wadei
Streptococcus oralis_subsp._tigurinus_clade_071
Actinomyces israelii_nov_94.882%
Actinomyces massiliensis
Actinomyces sp._HMT_171
Schaalia georgiae
Actinomyces sp._HMT_169
Bacteroidales_[G−2] bacterium_HMT_274
Arachnia propionica
Sphingomonas hankookensis_nov_97.685%
Veillonella dispar_parvula
Streptococcus gordonii
Fusobacterium nucleatum_subsp._animalis
Actinomyces sp._HMT_448
Fusobacterium nucleatum
Actinomyces israelii
Streptococcus mutans
Streptococcus sp._HMT_423
Haemophilus parainfluenzae
Corynebacterium matruchotii
Actinomyces naeslundii
Capnocytophaga sputigena
Actinomyces sp._HMT_170
Rothia aeria
Actinomyces sp._HMT_175_nov_97.951%
Rothia dentocariosa
Lautropia mirabilis
Streptococcus sp._HMT_064
Arachnia rubra
Streptococcus sanguinis
Neisseria perflava
Peptidiphaga sp._HMT_183
Ralstonia sp._HMT_406
Species
F16861.S027
F16861.S028
F16861.S039
F16861.S001
F16861.S040
F16861.S024
F16861.S030
F16861.S077
F16861.S042
F16861.S052
F16861.S063
F16861.S072
F16861.S071
F16861.S161
F16861.S162
F16861.S056
F16861.S061
F16861.S011
F16861.S002
F16861.S065
F16861.S066
F16861.S062
F16861.S041
F16861.S069
F16861.S070
F16861.S078
F16861.S029
F16861.S055
F16861.S051
F16861.S045
F16861.S160
F16861.S159
F16861.S012
F16861.S064
F16861.S046
F16861.S067
F16861.S068
F16861.S020
F16861.S054
F16861.S019
F16861.S053
Samples