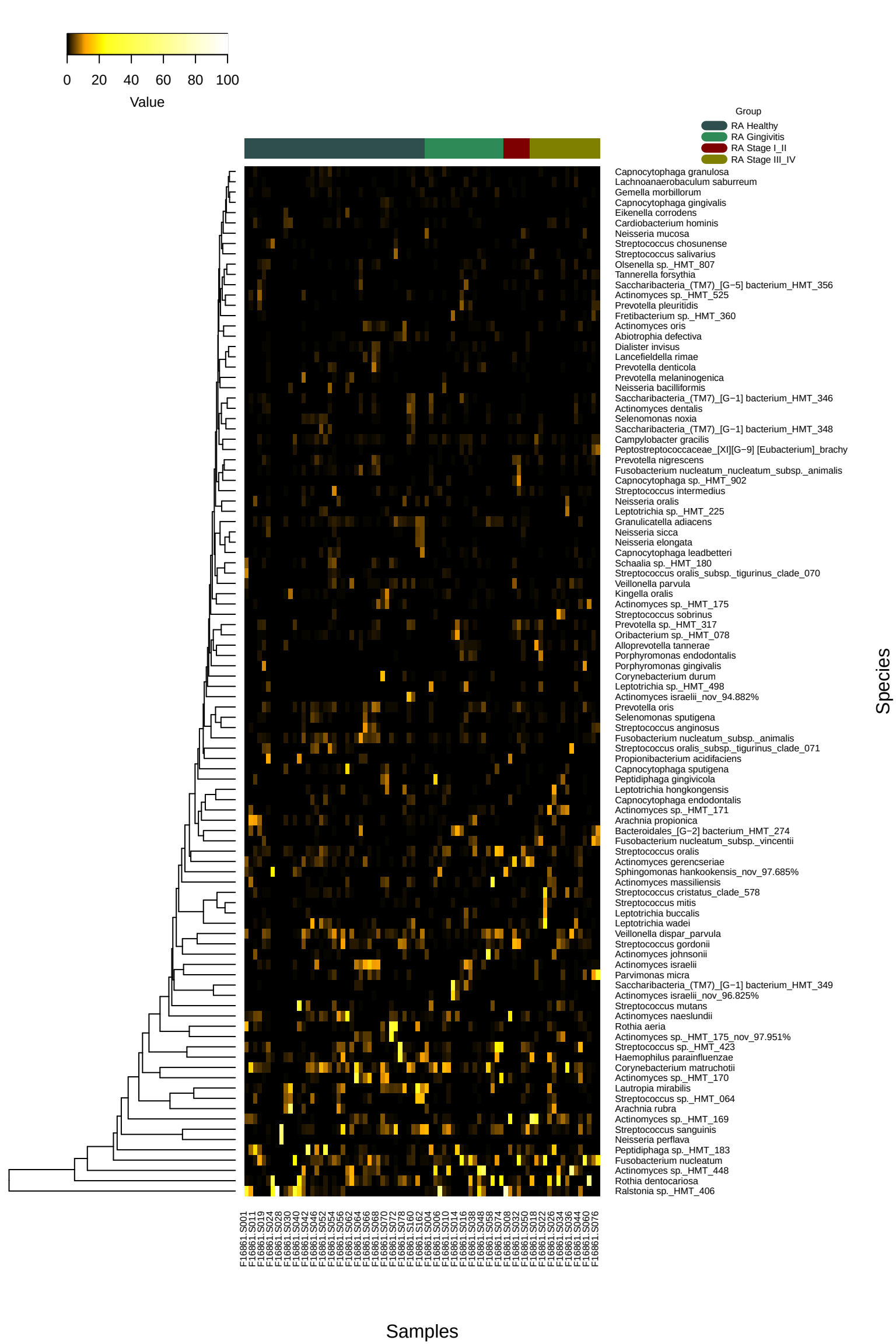
0
20
40
60
80
100
Value
Group
RA Healthy
RA Gingivitis
RA Stage I_II
RA Stage III_IV
Capnocytophaga granulosa
Lachnoanaerobaculum saburreum
Gemella morbillorum
Capnocytophaga gingivalis
Eikenella corrodens
Cardiobacterium hominis
Neisseria mucosa
Streptococcus chosunense
Streptococcus salivarius
Olsenella sp._HMT_807
Tannerella forsythia
Saccharibacteria_(TM7)_[G−5] bacterium_HMT_356
Actinomyces sp._HMT_525
Prevotella pleuritidis
Fretibacterium sp._HMT_360
Actinomyces oris
Abiotrophia defectiva
Dialister invisus
Lancefieldella rimae
Prevotella denticola
Prevotella melaninogenica
Neisseria bacilliformis
Saccharibacteria_(TM7)_[G−1] bacterium_HMT_346
Actinomyces dentalis
Selenomonas noxia
Saccharibacteria_(TM7)_[G−1] bacterium_HMT_348
Campylobacter gracilis
Peptostreptococcaceae_[XI][G−9] [Eubacterium]_brachy
Prevotella nigrescens
Fusobacterium nucleatum_nucleatum_subsp._animalis
Capnocytophaga sp._HMT_902
Streptococcus intermedius
Neisseria oralis
Leptotrichia sp._HMT_225
Granulicatella adiacens
Neisseria sicca
Neisseria elongata
Capnocytophaga leadbetteri
Schaalia sp._HMT_180
Streptococcus oralis_subsp._tigurinus_clade_070
Veillonella parvula
Kingella oralis
Actinomyces sp._HMT_175
Streptococcus sobrinus
Prevotella sp._HMT_317
Oribacterium sp._HMT_078
Alloprevotella tannerae
Porphyromonas endodontalis
Porphyromonas gingivalis
Corynebacterium durum
Leptotrichia sp._HMT_498
Actinomyces israelii_nov_94.882%
Prevotella oris
Selenomonas sputigena
Streptococcus anginosus
Fusobacterium nucleatum_subsp._animalis
Streptococcus oralis_subsp._tigurinus_clade_071
Propionibacterium acidifaciens
Capnocytophaga sputigena
Peptidiphaga gingivicola
Leptotrichia hongkongensis
Capnocytophaga endodontalis
Actinomyces sp._HMT_171
Arachnia propionica
Bacteroidales_[G−2] bacterium_HMT_274
Fusobacterium nucleatum_subsp._vincentii
Streptococcus oralis
Actinomyces gerencseriae
Sphingomonas hankookensis_nov_97.685%
Actinomyces massiliensis
Streptococcus cristatus_clade_578
Streptococcus mitis
Leptotrichia buccalis
Leptotrichia wadei
Veillonella dispar_parvula
Streptococcus gordonii
Actinomyces johnsonii
Actinomyces israelii
Parvimonas micra
Saccharibacteria_(TM7)_[G−1] bacterium_HMT_349
Actinomyces israelii_nov_96.825%
Streptococcus mutans
Actinomyces naeslundii
Rothia aeria
Actinomyces sp._HMT_175_nov_97.951%
Streptococcus sp._HMT_423
Haemophilus parainfluenzae
Corynebacterium matruchotii
Actinomyces sp._HMT_170
Lautropia mirabilis
Streptococcus sp._HMT_064
Arachnia rubra
Actinomyces sp._HMT_169
Streptococcus sanguinis
Neisseria perflava
Peptidiphaga sp._HMT_183
Fusobacterium nucleatum
Actinomyces sp._HMT_448
Rothia dentocariosa
Ralstonia sp._HMT_406
Species
F16861.S001
F16861.S011
F16861.S019
F16861.S024
F16861.S028
F16861.S030
F16861.S040
F16861.S042
F16861.S046
F16861.S052
F16861.S054
F16861.S056
F16861.S062
F16861.S064
F16861.S066
F16861.S068
F16861.S070
F16861.S072
F16861.S078
F16861.S162
F16861.S004
F16861.S006
F16861.S010
F16861.S014
F16861.S016
F16861.S038
F16861.S048
F16861.S058
F16861.S074
F16861.S008
F16861.S032
F16861.S050
F16861.S018
F16861.S022
F16861.S026
F16861.S034
F16861.S036
F16861.S044
F16861.S060
F16861.S076
Samples