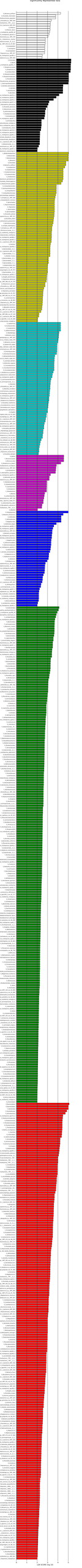

Significantly Represented Taxa
S_Neisseria_perflava
S_Prevotella_intermedia
Porphyromonas_gingivalis
S_Prevotella_sp__HMT_304
charibacteria__TM7__G_6_
G_6__bacterium_HMT_870
G_Filifactor
S_Filifactor_alocis
s_multispecies_spp394_18
m_multispecies_spp143_2
phyromonas_sp__HMT_278
9__Eubacterium__brachy
reptococcaceae__XI__G_9_
sp__HMT_018_nov_97_852
P_Synergistetes
C_Synergistia
O_Synergistales
Treponema_sp__HMT_257
as_multispecies_spp393_2
reptococcus_sp__HMT_056
P_Firmicutes
C_Bacilli
s_multispecies_spp395_17
F_Streptococcaceae
G_Streptococcus
O_Lactobacillales
O_Pseudomonadales
F_Pseudomonadaceae
G_Pseudomonas
Pseudomonas_aeruginosa
C_Gammaproteobacteria
S_Gemella_haemolysans
G_Gemella
F_Gemellaceae
O_Bacillales
us_multispecies_spp310_2
us_multispecies_spp505_2
us_multispecies_spp453_2
us_multispecies_spp437_3
Haemophilus_pittmaniae
S_Prevotella_denticola
S_Selenomonas_noxia
G_Janthinobacterium
F_Oxalobacteraceae
F_Synergistaceae
m_multispecies_spp167_3
G_Actinobacillus
asteurellaceae_multigenus
enus_multispecies_spp4_4
S_Actinobacillus_minor
as_multispecies_spp116_3
m_multispecies_spp144_3
1__multispecies_spp292_2
teriales_Atopobium_rimae
obacteriales_Atopobium
G_1__bacterium_HMT_174
G_Neisseriaceae__G_1_
elenomonas_sp__HMT_137
lla_multispecies_spp207_2
bacterium_violaceinigrum
C_Betaproteobacteria
O_Neisseriales
F_Neisseriaceae
G_Neisseria
G_Prevotella
S_Neisseria_subflava
P_Fusobacteria
G_Fusobacterium
F_Fusobacteriaceae
O_Fusobacteriales
C_Fusobacteria
obacterium_periodonticum
Prevotella_melaninogenica
S_Porphyromonas_pasteri
O_Campylobacterales
C_Epsilonproteobacteria
G_Campylobacter
F_Campylobacteraceae
pnocytophaga_leadbetteri
S_Schaalia_sp__HMT_180
Campylobacter_concisus
P_Spirochaetes
F_Treponemataceae
G_Treponema
C_Spirochaetia
O_Spirochaetales
S_Prevotella_salivae
Leptotrichia_sp__HMT_221
S_Prevotella_shahii
Actinomyces_graevenitzii
F_Ruminococcaceae
S_Schaalia_odontolytica
S_Schaalia_sp__HMT_172
Ruminococcaceae__G_1_
es_multifamily_multigenus
riobacteriales_multifamily
us_multispecies_spp488_2
er_multispecies_spp185_2
G_1__bacterium_HMT_075
G_Dialister
us_multispecies_spp438_3
G_Bacteroidales__G_2_
G_2__bacterium_HMT_274
F_Bacteroidales__F_2_
S_Dialister_invisus
O_Bacteroidetes__O_1_
C_Bacteroidetes__C_1_
F_Bacteroidetes__F_1_
S_Alloprevotella_rava
Leptotrichia_sp__HMT_212
sanguinegens_nov_95_707
G_Bacteroidetes__G_5_
m_multispecies_spp445_3
S_Kingella_denitrificans
S_Treponema_denticola
sp__HMT_396_nov_97_579
S_Oribacterium_parvum
S_Prevotella_sp__HMT_443
cterium_asaccharolyticum
S_Treponema_socranskii
ga_granulosa_nov_91_787
sp__HMT_900_nov_97_579
G_Levilactobacillus
a_timonensis_nov_89_904
Treponema_sp__HMT_262
evilactobacillus_hammesii
S_Weissella_koreensis
sp__HMT_317_nov_91_106
G_5__bacterium_HMT_511
sp__HMT_894_nov_97_129
G_3__bacterium_HMT_280
es_sppn392_2_nov_92_289
uribaculaceae_multigenus
G_Leptotrichia
O_Fusobacteriales
C_Fusobacteriia
F_Leptotrichiaceae
G_Peptidiphaga
S_Neisseria_oralis
eptidiphaga_sp__HMT_183
occus_cristatus_clade_578
S_Neisseria_mucosa
S_Leptotrichia_wadei
ubsp__dentisani_clade_058
ctinomyces_sp__HMT_169
O_Enterobacterales
F_Enterobacteriaceae
C_Alphaproteobacteria
coccus_infantis_clade_431
S_Lautropia_dentalis
S_Veillonella_rogosae
G_Corynebacterium
F_Corynebacteriaceae
O_Corynebacteriales
S_Streptococcus_gordonii
ynebacterium_matruchotii
us_multispecies_spp462_3
G_Lachnoanaerobaculum
G_Lachnospiraceae__G_2_
G_Eikenella
S_Prevotella_sp__HMT_317
S_Eikenella_corrodens
S_Actinomyces_naeslundii
nocytophaga_endodontalis
us_multispecies_spp447_2
Treponema_sp__HMT_237
Streptococcus_anginosus
S_Prevotella_multiformis
Corynebacterium_durum
Stomatobaculum_longum
gregatibacter_aphrophilus
G_Kingella
ingella_oralis_nov_97_826
ocytophaga_sp__HMT_336
G_1__bacterium_HMT_347
chnoanaerobaculum_orale
obacterium_sp__HMT_203
lla_multispecies_spp514_2
S_Prevotella_pleuritidis
Peptidiphaga_gingivicola
ctinomyces_sp__HMT_170
treptococcus_intermedius
_massiliensis_nov_91_633
chia_hofstadii_nov_96_994
ctinomyces_sp__HMT_448
ribacterium_sp__HMT_078
trichia_shahii_nov_90_693
G_1__bacterium_HMT_957
S_Treponema_amylovorum
S_Prevotella_dentalis
G_Rothia
F_Micrococcaceae
O_Micrococcales
S_Streptococcus_downii
Fusobacterium_nucleatum
reptococcus_sp__HMT_423
G_Acinetobacter
S_Haemophilus_sputorum
us_multispecies_spp455_2
S_Veillonella_parvula
reptococcus_sp__HMT_057
F_Gloeobacteraceae
O_Gloeobacterales
P_Cyanobacteria
G_Gloeobacter
C_Gloeobacteria
G_Blautia
G_Latilactobacillus
elenomonas_sp__HMT_149
ubsp__tigurinus_clade_071
S_Latilactobacillus_sakei
S_Mycoplasma_salivarium
charibacteria__TM7__G_2_
G_Massilia
P_Proteobacteria
S_Neisseria_flavescens
G_Veillonella
F_Veillonellaceae
O_Negativicutes
S_Veillonella_dispar
as_multispecies_spp583_3
lla_multispecies_spp301_3
loprevotella_sp__HMT_914
S_Neisseria_elongata
lla_multispecies_spp158_2
Serratia_surfactantfaciens
C_Negativicutes
O_Selenomonadales
F_Selenomonadaceae
us_multispecies_spp434_2
G_Selenomonas
S_Serratia_nematodiphila
G_Staphylococcus
F_Staphylococcaceae
G_Ralstonia
F_Alcaligenaceae
Leptotrichia_sp__HMT_463
reptococcaceae__XI__G_5_
cus_multispecies_spp66_3
O_Xanthomonadales
F_Xanthomonadaceae
Fusobacterium_hwasookii
G_Enterococcus
F_Enterococcaceae
G_5__bacterium_HMT_493
G_Herbaspirillum
Lachnospiraceae__G_14_
es_multispecies_spp557_2
regatibacter_sp__HMT_898
dia_multiorder_multifamily
O_Clostridia_multiorder
er_multifamily_multigenus
G_Brevundimonas
S_Lactobacillus_rogosae
nia_multispecies_spp265_2
O_Eubacteriales
nophilus_parahaemolyticus
s_multispecies_spp396_18
Haemophilus_haemolyticus
F_Lactobacillaceae
us_multispecies_spp253_2
P_Bacteroidota
F_Lachnospiraceae
S_Neisseria_cinerea
C_Bacteroidia
lus_paraphrohaemolyticus
F_Oscillospiraceae
O_Bacteroidales
G_Ligilactobacillus
S_Granulicatella_elegans
phyromonas_sp__HMT_930
er_multispecies_spp507_2
F_Muribaculaceae
loprevotella_sp__HMT_473
obacteriaceae_multigenus
us_multispecies_spp414_5
S_Prevotella_oris
G_Lactobacillus
F_Bacteroidaceae
G_Bacteroides
F_Bacteroidaceae
G_Phocaeicola
S_Streptococcus_lactarius
us_multispecies_spp518_3
S_Prevotella_copri
G_Muribaculum
F_Eubacteriales__F_1_
G_Faecalibacterium
Veillonella_sp__HMT_780
G_Muribaculaceae__G_2_
S_Lactobacillus_johnsonii
ecalibacterium_prausnitzii
F_Clostridiaceae
S_Phocaeicola_vulgatus
G_Achromobacter
S_Ralstonia_pickettii
G_Roseburia
G_Cupriavidus
S_Cupriavidus_pauculus
F_Rikenellaceae
G_Alistipes
G_Sphingomonas
C_Deltaproteobacteria
nas_multispecies_spp30_3
G_Lactococcus
G_Clostridium
F_Eubacteriaceae__XV_
G_Eubacterium
G_Helicobacter
F_Helicobacteraceae
F_Acetobacteraceae
F_Peptostreptococcaceae
G_Pseudoflavonifractor
G_Mediterraneibacter
G_Parabacteroides
F_Tannerellaceae
G_Eubacteriales__G_1_
Lactobacillus_delbrueckii
O_Desulfovibrionales
F_Desulfovibrionaceae
F_Sterolibacteriaceae
G_Ruminococcus
G_Methyloversatilis
hyloversatilis_discipulorum
G_Muribaculaceae__G_1_
S_Roseburia_faecis
F_Prevotellaceae
G_Romboutsia
ctobacillaceae_multigenus
O_Marinilabiliales
G_Stenotrophomonas
S_Romboutsia_timonensis
F_Sutterellaceae
F_Odoribacteraceae
Tannerella_sp__HMT_286
G_Macellibacteroides
F_Porphyromonadaceae
G_Zoogloea
G_Desulfovibrio
Lachnospiraceae__G_11_
ellibacteroides_fermentans
F_Azonexaceae
O_Acidaminococcales
F_Acidaminococcaceae
tor_capillosus_nov_95_933
G_Phascolarctobacterium
G_Lachnoclostridium
F_Paludibacteraceae
G_Trichococcus
G_Oscillospiraceae__G_3_
G_Paraprevotella
cus_multispecies_spp39_4
G_Paludibacter
G_Acidovorax
S_Actinidia_eriantha
S_Bacteroides_uniformis
S_Phocaeicola_plebeius
m_multispecies_spp559_2
G_Eubacteriales__G_4_
S_Roseburia_inulinivorans
G_Eubacteriales__G_2_
F_Muribaculaceae
G_Duncaniella
lesFamilyXII_IncertaeSedis
as_multispecies_spp569_2
G_Fusibacter
S_Klebsiella_variicola
G_Lachnospira
F_Marinilabiliaceae
G_Megamonas
G_Kineothrix
G_Bifidobacterium
S_Helicobacter_ganmani
G_Parasutterella
urkholderiales_multifamily
us_multispecies_spp561_2
F_Eubacteriaceae
Lactococcus_raffinolactis
es_sppn359_2_nov_92_727
es_multifamily_multigenus
G_Simplicispira
G_Acetobacterium
S_Bacteroides_stercoris
S_Blautia_wexlerae
G_Dechloromonas
G_Subdoligranulum
otobacillus_hongkongensis
Mediterraneibacter_faecis
Acetobacterium_wieringae
um_pacaense_nov_96_386
ella_multispecies_spp60_2
G_Oscillospiraceae__G_2_
S_Zoogloea_ramigera
G_Methylotenera
Simplicispira_metamorpha
G_Odoribacter
_fairfieldensis_nov_94_989
cus_multispecies_spp92_3
ostanoligenes_nov_95_683
G_Oscillospiraceae__G_4_
P_Tenericutes
S_Phocaeicola_coprocola
ermohalophila_nov_86_758
C_Mollicutes
S_Methylotenera_mobilis
olarctobacterium_faecium
G_Anaerophaga
F_Christensenellaceae
G_Christensenella
G_Culturomica
G_Youngiibacter
terella_excrementihominis
S_Megamonas_funiformis
S_Phocaeicola_dorei
Parabacteroides_distasonis
F_Vibrionaceae
Parabacteroides_merdae
G_Vibrio
O_Vibrionales
um_MOT_104_nov_92_906
_splanchnicus_nov_91_686
esFamilyXIII_IncertaeSedis
es_putredinis_nov_96_092
es_multifamily_multigenus
G_Lachnospiraceae__G_9_
Bacteroidales_multifamily
G_Lawsonibacter
us_multispecies_spp500_2
G_Dorea
G_Limosilactobacillus
um_MOT_104_nov_91_991
S_Acidovorax_temperans
Subdoligranulum_variabile
_massiliensis_nov_93_793
S_Lachnospira_eligens
otrophomonas_maltophilia
F_Anaeroplasmataceae
es_sppn312_2_nov_95_192
O_Anaeroplasmatales
G_Anaeroplasma
G_Faecalibacillus
cies_sppn6_3_nov_91_429
Faecalibacillus_intestinalis
S_Fusobacterium_simiae
F_Peptococcaceae
S_Alistipes_putredinis
um_multispecies_spp35_2
G_Fusicatenibacter
us_multispecies_spp521_6
tenibacter_saccharivorans
O_Rhizobiales
G_Piscinibacter
ter_aquaticus_nov_92_971
G_Anaerobutyricum
F_Chromobacteriaceae
O_Desulfobacterales
G_Erysipelatoclostridium
lla_multispecies_spp323_2
S_Acidovorax_defluvii
S_Anaerobutyricum_hallii
G_Oscillospiraceae__G_1_
monas_agitata_nov_97_955
us_multispecies_spp196_4
terobacterales_multifamily
um_MOT_144_nov_93_780
S_Dorea_longicatena
es_multifamily_multigenus
G_Anaerostipes
P_Bacteroidetes
O_Bacteroidales
C_Bacteroidia
F_Prevotellaceae
P_Actinobacteria
ria_multispecies_spp175_3
F_Porphyromonadaceae
G_Porphyromonas
F_Flavobacteriaceae
O_Flavobacteriales
C_Flavobacteriia
S_Rothia_mucilaginosa
C_Clostridia
O_Clostridiales
G_Capnocytophaga
C_Actinobacteria
O_Actinomycetales
F_Actinomycetaceae
G_Schaalia
G_Alloprevotella
us_multispecies_spp463_2
S_Granulicatella_adiacens
eptostreptococcaceae__XI_
P_Saccharibacteria__TM7_
charibacteria__TM7__C_1_
charibacteria__TM7__O_1_
C_Coriobacteriia
F_Atopobiaceae
O_Coriobacteriales
charibacteria__TM7__F_1_
G_Lancefieldella
S_Lancefieldella_parvula
S_Gemella_sanguinis
S_Schaalia_odontolyticus
S_Prevotella_pallens
loprevotella_sp__HMT_308
F_Lachnospiraceae__XIV_
charibacteria__TM7__G_1_
Capnocytophaga_gingivalis
G_Peptostreptococcus
ptostreptococcus_stomatis
S_Prevotella_histicola
G_1__bacterium_HMT_352
G_Bergeyella
Leptotrichia_sp__HMT_215
phyromonas_sp__HMT_284
S_Veillonella_infantium
F_Peptoniphilaceae
G_Oribacterium
Bergeyella_sp__HMT_322
G_Parvimonas
reptococcaceae__XI__G_1_
G_1__Eubacterium__sulci
F_Erysipelotrichaceae
C_Erysipelotrichia
O_Erysipelotrichales
G_Solobacterium
S_Solobacterium_moorei
sp__HMT_215_nov_96_078
phyromonas_sp__HMT_275
S_Oribacterium_sinus
S_Prevotella_jejuni
S_Alloprevotella_tannerae
e__Not_Validly_Published_
O_Veillonellales
F_Veillonellaceae
S_Gemella_morbillorum
sp__HMT_305_nov_93_671
G_Stomatobaculum
S_Parvimonas_micra
S_Streptococcus_australis
ga_gingivalis_nov_97_368
G_Tannerella
G_Mogibacterium
charibacteria__TM7__G_3_
alia_multispecies_spp19_2
S_Prevotella_aurantiaca
sp__HMT_393_nov_96_273
ucleatum_subsp__animalis
eptococcus_periodonticum
reptococcus_sp__HMT_066
sp__HMT_473_nov_97_792
Mogibacterium_diversum
atobaculum_sp__HMT_097
F_Cardiobacteriaceae
O_Cardiobacteriales
G_Cardiobacterium
Ruminococcaceae__G_2_
G_2__bacterium_HMT_085
Porphyromonas_catoniae
G_3__bacterium_HMT_351
S_Streptococcus_oralis
G_Megasphaera
asphaera_micronuciformis
S_Tannerella_forsythia
G_Methylophilus
O_Nitrosomonadales
F_Methylophilaceae
S_Methylophilus_leisingeri
O_Propionibacteriales
F_Propionibacteriaceae
G_Arachnia
F_Mycoplasmataceae
O_Mycoplasmatales
G_Mycoplasma
Cardiobacterium_hominis
m_multispecies_spp492_2
lla_multispecies_spp299_3
S_Lancefieldella_rimae
charibacteria__TM7__G_5_
charibacteria__TM7__F_2_
G_5__bacterium_HMT_356
S_Campylobacter_gracilis
es_sppn434_2_nov_96_519
G_1__bacterium_HMT_346
S_Neisseria_flava
S_Mycoplasma_faucium
G_1__bacterium_HMT_348
S_Prevotella_veroralis
um_HMT_351_nov_97_701
panaerobaculum_gingivalis
ocytophaga_sp__HMT_326
us_multispecies_spp108_3
S_Kingella_oralis
S_Prevotella_scopos
S_Arachnia_propionica
sobacterium_sp__HMT_204
ga_granulosa_nov_97_674
S_Arachnia_rubra
Capnocytophaga_ochracea
S_Dialister_pneumosintes
O_Bifidobacteriales
F_Bifidobacteriaceae
S_Mogibacterium_timidum
ga_gingivalis_nov_96_053
S_Neisseria_bacilliformis
S_Campylobacter_showae
Prevotella_sp__HMT_305
G_1__bacterium_HMT_113
G_Peptoniphilaceae__G_1_
G_Peptococcus
F_Peptococcaceae
sp__HMT_473_nov_97_468
G_Lachnospiraceae__G_3_
G_3__bacterium_HMT_100
lla_multispecies_spp560_2
S_Veillonella_tobetsuensis
Prevotella_sp__HMT_300
ccus_australis_nov_97_785
Peptococcus_sp__HMT_167
reptococcaceae__XI__G_7_
S_Streptococcus_peroris
a_zoohelcum_nov_91_720
S_Prevotella_baroniae
G_Scardovia
Treponema_sp__HMT_231
S_Scardovia_wiggsiae
S_Streptococcus_danieliae
ocytophaga_sp__HMT_380
ies_sppn33_2_nov_97_778
F_Coriobacteriaceae
tibacterium_sp__HMT_360
cter_concisus_nov_97_078
Tannerella_serpentiformis
cilibacteria__GN02__O_1_
cilibacteria__GN02__C_1_
cilibacteria__GN02__G_1_
acilibacteria__GN02__F_1_
S_Phocaeicola_abscessus
G_Atopobium
G_Flavobacterium
nocytophaga_haemolytica
m_kingsejongi_nov_90_132
S_Neisseria_sp__HMT_018
Actinomyces_massiliensis
ocytophaga_sp__HMT_412
G_Olsenella
rium_hominis_nov_97_712
elenomonas_sp__HMT_478
Atopobium_sp__HMT_199
es_sppn212_2_nov_97_078
erium_durum_nov_96_785
S_Prevotella_oralis
G_1__bacterium_HMT_871
__Eubacterium__infirmum
trichia_wadei_nov_97_712
cter_multispecies_spp15_2
nia_multispecies_spp298_2
sp__HMT_169_nov_97_785
sanguinegens_nov_88_141
G_Cryptobacterium
Cryptobacterium_curtum
F_Desulfobulbaceae
G_Desulfobulbus
esulfobulbus_sp__HMT_041
Treponema_maltophilum
0
1
2
3
4
5
LDA SCORE (log 10)