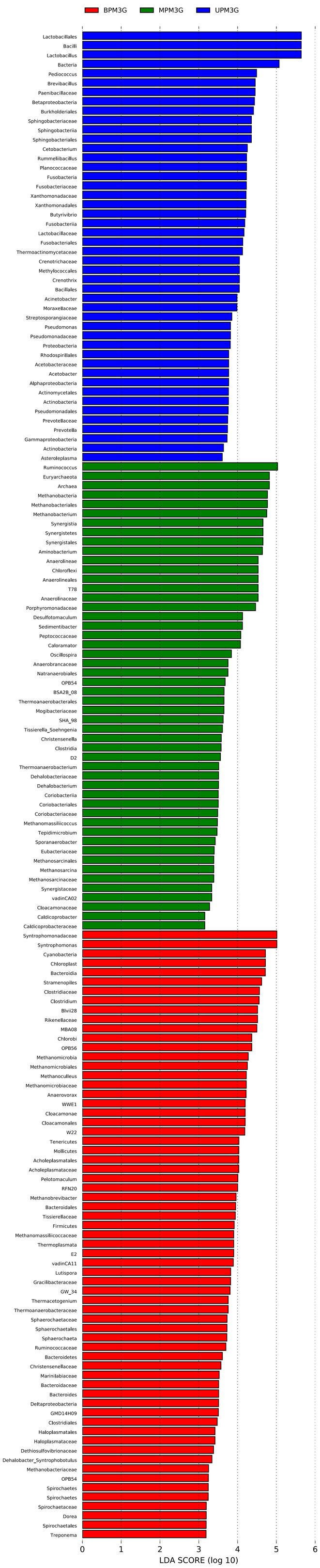
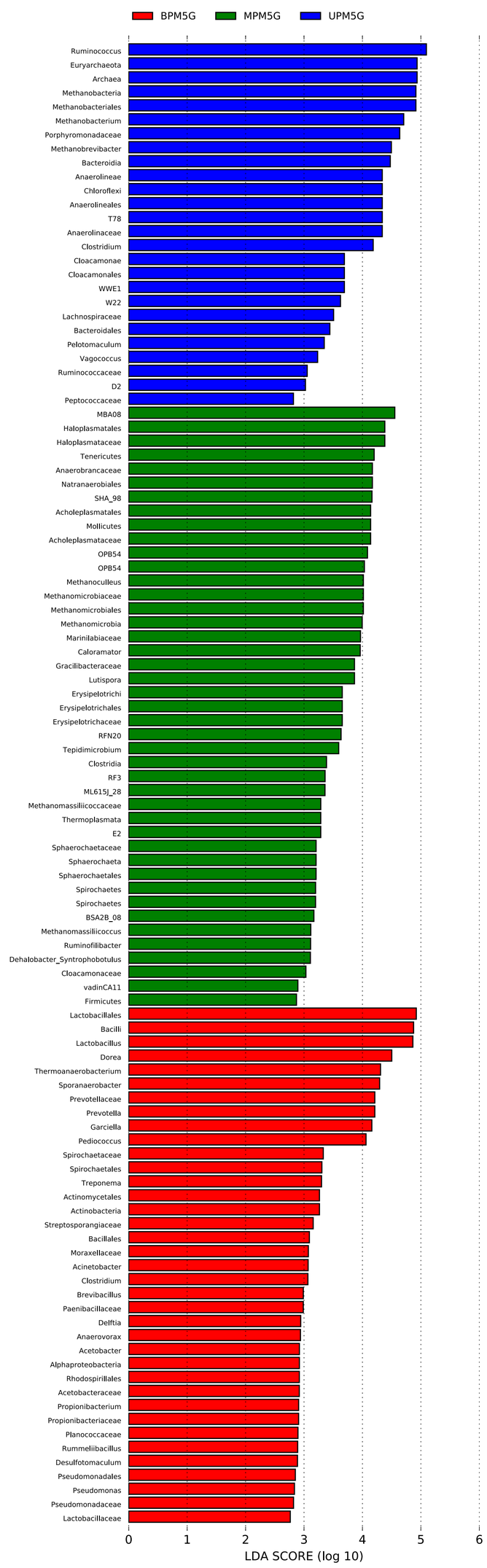

(A)
BPM3G
MPM3G
UPM3G
Lactobacillales
Bacilli
Lactobacillus
Bacteria
Pediococcus
Brevibacillus
Paenibacillaceae
Betaproteobacteria
Burkholderiales
Sphingobacteriaceae
Sphingobacteriia
Sphingobacteriales
Cetobacterium
Rummeliibacillus
Planococcaceae
Fusobacteria
Fusobacteriaceae
Xanthomonadaceae
Xanthomonadales
Butyrivibrio
Fusobacteriia
Lactobacillaceae
Fusobacteriales
Thermoactinomycetaceae
Crenotrichaceae
Methylococcales
Crenothrix
Bacillales
Acinetobacter
Moraxellaceae
Streptosporangiaceae
Pseudomonas
Pseudomonadaceae
Proteobacteria
Rhodospirillales
Acetobacteraceae
Acetobacter
Alphaproteobacteria
Actinomycetales
Actinobacteria
Pseudomonadales
Prevotellaceae
Prevotella
Gammaproteobacteria
Actinobacteria
Asteroleplasma
Ruminococcus
Euryarchaeota
Archaea
Methanobacteria
Methanobacteriales
Methanobacterium
Synergistia
Synergistetes
Synergistales
Aminobacterium
Anaerolineae
Chloroflexi
Anaerolineales
T78
Anaerolinaceae
Porphyromonadaceae
Desulfotomaculum
Sedimentibacter
Peptococcaceae
Caloramator
Oscillospira
Anaerobrancaceae
Natranaerobiales
OPB54
BSA2B_08
Thermoanaerobacterales
Mogibacteriaceae
SHA_98
Tissierella_Soehngenia
Christensenella
Clostridia
D2
Thermoanaerobacterium
Dehalobacteriaceae
Dehalobacterium
Coriobacteriia
Coriobacteriales
Coriobacteriaceae
Methanomassiliicoccus
Tepidimicrobium
Sporanaerobacter
Eubacteriaceae
Methanosarcinales
Methanosarcina
Methanosarcinaceae
Synergistaceae
vadinCA02
Cloacamonaceae
Caldicoprobacter
Caldicoprobacteraceae
Syntrophomonadaceae
Syntrophomonas
Cyanobacteria
Chloroplast
Bacteroidia
Stramenopiles
Clostridiaceae
Clostridium
Blvii28
Rikenellaceae
MBA08
Chlorobi
OPB56
Methanomicrobia
Methanomicrobiales
Methanoculleus
Methanomicrobiaceae
Anaerovorax
WWE1
Cloacamonae
Cloacamonales
W22
Tenericutes
Mollicutes
Acholeplasmatales
Acholeplasmataceae
Pelotomaculum
RFN20
Methanobrevibacter
Bacteroidales
Tissierellaceae
Firmicutes
Methanomassiliicoccaceae
Thermoplasmata
E2
vadinCA11
Lutispora
Gracilibacteraceae
GW_34
Thermacetogenium
Thermoanaerobacteraceae
Sphaerochaetaceae
Sphaerochaetales
Sphaerochaeta
Ruminococcaceae
Bacteroidetes
Christensenellaceae
Marinilabiaceae
Bacteroidaceae
Bacteroides
Deltaproteobacteria
GMD14H09
Clostridiales
Haloplasmatales
Haloplasmataceae
Dethiosulfovibrionaceae
Dehalobacter_Syntrophobotulus
Methanobacteriaceae
OPB54
Spirochaetes
Spirochaetes
Spirochaetaceae
Dorea
Spirochaetales
Treponema
0
1
2
3
4
5
6
LDA SCORE (log 10)


(B)
BPM5G
MPM5G
UPM5G
Ruminococcus
Euryarchaeota
Archaea
Methanobacteria
Methanobacteriales
Methanobacterium
Porphyromonadaceae
Methanobrevibacter
Bacteroidia
Anaerolineae
Chloroflexi
Anaerolineales
T78
Anaerolinaceae
Clostridium
Cloacamonae
Cloacamonales
WWE1
W22
Lachnospiraceae
Bacteroidales
Pelotomaculum
Vagococcus
Ruminococcaceae
D2
Peptococcaceae
MBA08
Haloplasmatales
Haloplasmataceae
Tenericutes
Anaerobrancaceae
Natranaerobiales
SHA_98
Acholeplasmatales
Mollicutes
Acholeplasmataceae
OPB54
OPB54
Methanoculleus
Methanomicrobiaceae
Methanomicrobiales
Methanomicrobia
Marinilabiaceae
Caloramator
Gracilibacteraceae
Lutispora
Erysipelotrichi
Erysipelotrichales
Erysipelotrichaceae
RFN20
Tepidimicrobium
Clostridia
RF3
ML615J_28
Methanomassiliicoccaceae
Thermoplasmata
E2
Sphaerochaetaceae
Sphaerochaeta
Sphaerochaetales
Spirochaetes
Spirochaetes
BSA2B_08
Methanomassiliicoccus
Ruminofilibacter
Dehalobacter_Syntrophobotulus
Cloacamonaceae
vadinCA11
Firmicutes
Lactobacillales
Bacilli
Lactobacillus
Dorea
Thermoanaerobacterium
Sporanaerobacter
Prevotellaceae
Prevotella
Garciella
Pediococcus
Spirochaetaceae
Spirochaetales
Treponema
Actinomycetales
Actinobacteria
Streptosporangiaceae
Bacillales
Moraxellaceae
Acinetobacter
Clostridium
Brevibacillus
Paenibacillaceae
Delftia
Anaerovorax
Acetobacter
Alphaproteobacteria
Rhodospirillales
Acetobacteraceae
Propionibacterium
Propionibacteriaceae
Planococcaceae
Rummeliibacillus
Desulfotomaculum
Pseudomonadales
Pseudomonas
Pseudomonadaceae
Lactobacillaceae
0
1
2
3
4
5
6
LDA SCORE (log 10)