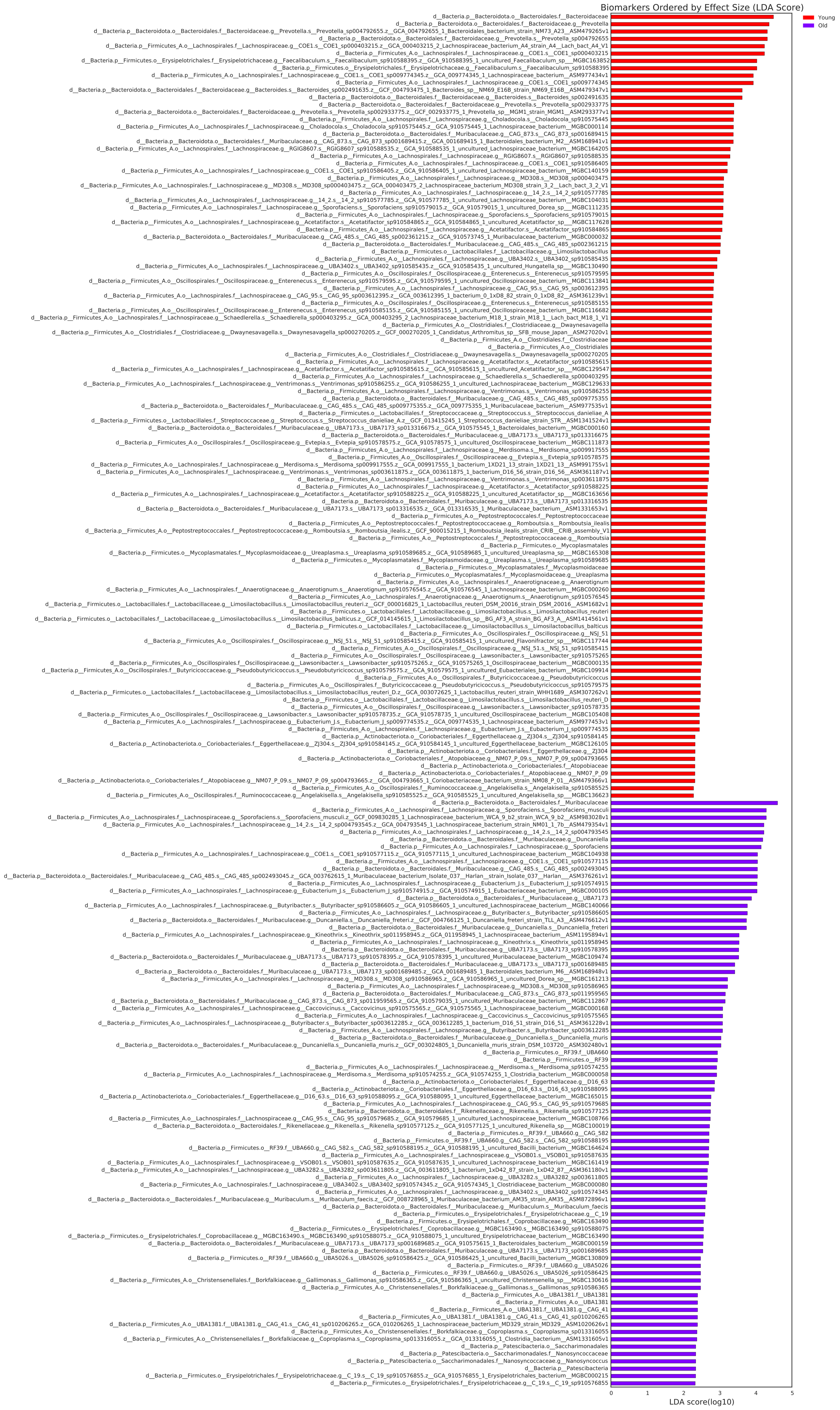
Biomarkers Ordered by Effect Size (LDA Score)
Young
Old
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Bacteroidaceae
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Bacteroidaceae.g__Prevotella
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Bacteroidaceae.g__Prevotella.s__Prevotella_sp004792655.z__GCA_004792655_1_Bacteroidales_bacterium_strain_NM73_A23__ASM479265v1
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Bacteroidaceae.g__Prevotella.s__Prevotella_sp004792655
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__COE1.s__COE1_sp000403215.z__GCA_000403215_2_Lachnospiraceae_bacterium_A4_strain_A4__Lach_bact_A4_V1
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__COE1.s__COE1_sp000403215
d__Bacteria.p__Firmicutes.o__Erysipelotrichales.f__Erysipelotrichaceae.g__Faecalibaculum.s__Faecalibaculum_sp910588395.z__GCA_910588395_1_uncultured_Faecalibaculum_sp__MGBC163852
d__Bacteria.p__Firmicutes.o__Erysipelotrichales.f__Erysipelotrichaceae.g__Faecalibaculum.s__Faecalibaculum_sp910588395
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__COE1.s__COE1_sp009774345.z__GCA_009774345_1_Lachnospiraceae_bacterium__ASM977434v1
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__COE1.s__COE1_sp009774345
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Bacteroidaceae.g__Bacteroides.s__Bacteroides_sp002491635.z__GCF_004793475_1_Bacteroides_sp__NM69_E16B_strain_NM69_E16B__ASM479347v1
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Bacteroidaceae.g__Bacteroides.s__Bacteroides_sp002491635
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Bacteroidaceae.g__Prevotella.s__Prevotella_sp002933775
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Bacteroidaceae.g__Prevotella.s__Prevotella_sp002933775.z__GCF_002933775_1_Prevotella_sp__MGM1_strain_MGM1__ASM293377v1
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Choladocola.s__Choladocola_sp910575445
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Choladocola.s__Choladocola_sp910575445.z__GCA_910575445_1_Lachnospiraceae_bacterium__MGBC000114
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__CAG_873.s__CAG_873_sp001689415
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__CAG_873.s__CAG_873_sp001689415.z__GCA_001689415_1_Bacteroidales_bacterium_M2__ASM168941v1
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__RGIG8607.s__RGIG8607_sp910588535.z__GCA_910588535_1_uncultured_Lachnospiraceae_bacterium__MGBC164205
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__RGIG8607.s__RGIG8607_sp910588535
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__COE1.s__COE1_sp910586405
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__COE1.s__COE1_sp910586405.z__GCA_910586405_1_uncultured_Lachnospiraceae_bacterium__MGBC140159
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__MD308.s__MD308_sp000403475
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__MD308.s__MD308_sp000403475.z__GCA_000403475_2_Lachnospiraceae_bacterium_MD308_strain_3_2__Lach_bact_3_2_V1
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__14_2.s__14_2_sp910577785
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__14_2.s__14_2_sp910577785.z__GCA_910577785_1_uncultured_Lachnospiraceae_bacterium__MGBC104031
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Sporofaciens.s__Sporofaciens_sp910579015.z__GCA_910579015_1_uncultured_Dorea_sp__MGBC111235
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Sporofaciens.s__Sporofaciens_sp910579015
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Acetatifactor.s__Acetatifactor_sp910584865.z__GCA_910584865_1_uncultured_Acetatifactor_sp__MGBC117628
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Acetatifactor.s__Acetatifactor_sp910584865
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__CAG_485.s__CAG_485_sp002361215.z__GCA_910573745_1_Muribaculaceae_bacterium__MGBC000032
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__CAG_485.s__CAG_485_sp002361215
d__Bacteria.p__Firmicutes.o__Lactobacillales.f__Lactobacillaceae.g__Limosilactobacillus
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__UBA3402.s__UBA3402_sp910585435
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__UBA3402.s__UBA3402_sp910585435.z__GCA_910585435_1_uncultured_Hungatella_sp__MGBC130490
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Enterenecus.s__Enterenecus_sp910579595
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Enterenecus.s__Enterenecus_sp910579595.z__GCA_910579595_1_uncultured_Oscillospiraceae_bacterium__MGBC113841
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__CAG_95.s__CAG_95_sp003612395
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__CAG_95.s__CAG_95_sp003612395.z__GCA_003612395_1_bacterium_0_1xD8_82_strain_0_1xD8_82__ASM361239v1
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Enterenecus.s__Enterenecus_sp910585155
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Enterenecus.s__Enterenecus_sp910585155.z__GCA_910585155_1_uncultured_Oscillospiraceae_bacterium__MGBC116682
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Schaedlerella.s__Schaedlerella_sp000403295.z__GCA_000403295_2_Lachnospiraceae_bacterium_M18_1_strain_M18_1__Lach_bact_M18_1_V1
d__Bacteria.p__Firmicutes_A.o__Clostridiales.f__Clostridiaceae.g__Dwaynesavagella
d__Bacteria.p__Firmicutes_A.o__Clostridiales.f__Clostridiaceae.g__Dwaynesavagella.s__Dwaynesavagella_sp000270205.z__GCF_000270205_1_Candidatus_Arthromitus_sp__SFB_mouse_Japan__ASM27020v1
d__Bacteria.p__Firmicutes_A.o__Clostridiales.f__Clostridiaceae
d__Bacteria.p__Firmicutes_A.o__Clostridiales
d__Bacteria.p__Firmicutes_A.o__Clostridiales.f__Clostridiaceae.g__Dwaynesavagella.s__Dwaynesavagella_sp000270205
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Acetatifactor.s__Acetatifactor_sp910585615
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Acetatifactor.s__Acetatifactor_sp910585615.z__GCA_910585615_1_uncultured_Acetatifactor_sp__MGBC129547
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Schaedlerella.s__Schaedlerella_sp000403295
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Ventrimonas.s__Ventrimonas_sp910586255.z__GCA_910586255_1_uncultured_Lachnospiraceae_bacterium__MGBC129633
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Ventrimonas.s__Ventrimonas_sp910586255
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__CAG_485.s__CAG_485_sp009775355
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__CAG_485.s__CAG_485_sp009775355.z__GCA_009775355_1_Muribaculaceae_bacterium__ASM977535v1
d__Bacteria.p__Firmicutes.o__Lactobacillales.f__Streptococcaceae.g__Streptococcus.s__Streptococcus_danieliae_A
d__Bacteria.p__Firmicutes.o__Lactobacillales.f__Streptococcaceae.g__Streptococcus.s__Streptococcus_danieliae_A.z__GCF_013415245_1_Streptococcus_danieliae_strain_STR__ASM1341524v1
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__UBA7173.s__UBA7173_sp013316675.z__GCA_910575545_1_Bacteroidales_bacterium__MGBC000160
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__UBA7173.s__UBA7173_sp013316675
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Evtepia.s__Evtepia_sp910578575.z__GCA_910578575_1_uncultured_Oscillospiraceae_bacterium__MGBC111873
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Merdisoma.s__Merdisoma_sp009917555
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Evtepia.s__Evtepia_sp910578575
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Merdisoma.s__Merdisoma_sp009917555.z__GCA_009917555_1_bacterium_1XD21_13_strain_1XD21_13__ASM991755v1
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d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Acetatifactor.s__Acetatifactor_sp910588225
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Acetatifactor.s__Acetatifactor_sp910588225.z__GCA_910588225_1_uncultured_Acetatifactor_sp__MGBC163656
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__UBA7173.s__UBA7173_sp013316535
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d__Bacteria.p__Firmicutes_A.o__Peptostreptococcales.f__Peptostreptococcaceae.g__Romboutsia.s__Romboutsia_ilealis.z__GCF_900015215_1_Romboutsia_ilealis_strain_CRIB__CRIB_assembly_V1
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d__Bacteria.p__Firmicutes.o__Mycoplasmatales
d__Bacteria.p__Firmicutes.o__Mycoplasmatales.f__Mycoplasmoidaceae.g__Ureaplasma.s__Ureaplasma_sp910589685.z__GCA_910589685_1_uncultured_Ureaplasma_sp__MGBC165308
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d__Bacteria.p__Firmicutes.o__Mycoplasmatales.f__Mycoplasmoidaceae
d__Bacteria.p__Firmicutes.o__Mycoplasmatales.f__Mycoplasmoidaceae.g__Ureaplasma
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Anaerotignaceae.g__Anaerotignum
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Anaerotignaceae.g__Anaerotignum.s__Anaerotignum_sp910576545.z__GCA_910576545_1_Lachnospiraceae_bacterium__MGBC000260
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Anaerotignaceae.g__Anaerotignum.s__Anaerotignum_sp910576545
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d__Bacteria.p__Firmicutes.o__Lactobacillales.f__Lactobacillaceae.g__Limosilactobacillus.s__Limosilactobacillus_balticus.z__GCF_014145615_1_Limosilactobacillus_sp__BG_AF3_A_strain_BG_AF3_A__ASM1414561v1
d__Bacteria.p__Firmicutes.o__Lactobacillales.f__Lactobacillaceae.g__Limosilactobacillus.s__Limosilactobacillus_balticus
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__NSJ_51
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__NSJ_51.s__NSJ_51_sp910585415.z__GCA_910585415_1_uncultured_Flavonifractor_sp__MGBC117744
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__NSJ_51.s__NSJ_51_sp910585415
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Lawsonibacter.s__Lawsonibacter_sp910575265
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Lawsonibacter.s__Lawsonibacter_sp910575265.z__GCA_910575265_1_Oscillospiraceae_bacterium__MGBC000135
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Butyricicoccaceae.g__Pseudobutyricicoccus.s__Pseudobutyricicoccus_sp910579575.z__GCA_910579575_1_uncultured_Eubacteriales_bacterium__MGBC109914
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Butyricicoccaceae.g__Pseudobutyricicoccus
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Butyricicoccaceae.g__Pseudobutyricicoccus.s__Pseudobutyricicoccus_sp910579575
d__Bacteria.p__Firmicutes.o__Lactobacillales.f__Lactobacillaceae.g__Limosilactobacillus.s__Limosilactobacillus_reuteri_D.z__GCA_003072625_1_Lactobacillus_reuteri_strain_WHH1689__ASM307262v1
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d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Lawsonibacter.s__Lawsonibacter_sp910578735
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Oscillospiraceae.g__Lawsonibacter.s__Lawsonibacter_sp910578735.z__GCA_910578735_1_uncultured_Oscillospiraceae_bacterium__MGBC105408
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Eubacterium_J.s__Eubacterium_J_sp009774535.z__GCA_009774535_1_Lachnospiraceae_bacterium__ASM977453v1
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Eubacterium_J.s__Eubacterium_J_sp009774535
d__Bacteria.p__Actinobacteriota.o__Coriobacteriales.f__Eggerthellaceae.g__ZJ304.s__ZJ304_sp910584145
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d__Bacteria.p__Actinobacteriota.o__Coriobacteriales.f__Eggerthellaceae.g__ZJ304
d__Bacteria.p__Actinobacteriota.o__Coriobacteriales.f__Atopobiaceae.g__NM07_P_09.s__NM07_P_09_sp004793665
d__Bacteria.p__Actinobacteriota.o__Coriobacteriales.f__Atopobiaceae
d__Bacteria.p__Actinobacteriota.o__Coriobacteriales.f__Atopobiaceae.g__NM07_P_09
d__Bacteria.p__Actinobacteriota.o__Coriobacteriales.f__Atopobiaceae.g__NM07_P_09.s__NM07_P_09_sp004793665.z__GCA_004793665_1_Coriobacteriaceae_bacterium_strain_NM08_P_01__ASM479366v1
d__Bacteria.p__Firmicutes_A.o__Oscillospirales.f__Ruminococcaceae.g__Angelakisella.s__Angelakisella_sp910585525
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d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Sporofaciens.s__Sporofaciens_musculi
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Sporofaciens.s__Sporofaciens_musculi.z__GCF_009830285_1_Lachnospiraceae_bacterium_WCA_9_b2_strain_WCA_9_b2__ASM983028v1
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__14_2.s__14_2_sp004793545.z__GCA_004793545_1_Lachnospiraceae_bacterium_strain_NM01_1_7b__ASM479354v1
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__14_2.s__14_2_sp004793545
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__Duncaniella
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Sporofaciens
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__COE1.s__COE1_sp910577115.z__GCA_910577115_1_uncultured_Lachnospiraceae_bacterium__MGBC104938
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__COE1.s__COE1_sp910577115
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__CAG_485.s__CAG_485_sp002493045
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d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__UBA7173
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Butyribacter.s__Butyribacter_sp910586605.z__GCA_910586605_1_uncultured_Lachnospiraceae_bacterium__MGBC140066
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Butyribacter.s__Butyribacter_sp910586605
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__Duncaniella.s__Duncaniella_freteri.z__GCF_004766125_1_Duncaniella_freteri_strain_TLL_A3__ASM476612v1
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__Duncaniella.s__Duncaniella_freteri
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Kineothrix.s__Kineothrix_sp011958945.z__GCA_011958945_1_Lachnospiraceae_bacterium__ASM1195894v1
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d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__UBA7173.s__UBA7173_sp910578395
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__UBA7173.s__UBA7173_sp910578395.z__GCA_910578395_1_uncultured_Muribaculaceae_bacterium__MGBC109474
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__UBA7173.s__UBA7173_sp001689485
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d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__MD308.s__MD308_sp910586965.z__GCA_910586965_1_uncultured_Dorea_sp__MGBC161213
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__MD308.s__MD308_sp910586965
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d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Butyribacter.s__Butyribacter_sp003612285.z__GCA_003612285_1_bacterium_D16_51_strain_D16_51__ASM361228v1
d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Butyribacter.s__Butyribacter_sp003612285
d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__Duncaniella.s__Duncaniella_muris
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d__Bacteria.p__Firmicutes.o__RF39
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d__Bacteria.p__Firmicutes_A.o__Lachnospirales.f__Lachnospiraceae.g__Merdisoma.s__Merdisoma_sp910574255.z__GCA_910574255_1_Clostridia_bacterium__MGBC000058
d__Bacteria.p__Actinobacteriota.o__Coriobacteriales.f__Eggerthellaceae.g__D16_63
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d__Bacteria.p__Bacteroidota.o__Bacteroidales.f__Muribaculaceae.g__UBA7173.s__UBA7173_sp001689685
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d__Bacteria.p__Firmicutes_A.o__UBA1381.f__UBA1381.g__CAG_41.s__CAG_41_sp010206265
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d__Bacteria.p__Firmicutes_A.o__Christensenellales.f__Borkfalkiaceae.g__Coproplasma.s__Coproplasma_sp013316055.z__GCA_013316055_1_Clostridia_bacterium__ASM1331605v1
d__Bacteria.p__Patescibacteria.o__Saccharimonadales
d__Bacteria.p__Patescibacteria.o__Saccharimonadales.f__Nanosyncoccaceae
d__Bacteria.p__Patescibacteria.o__Saccharimonadales.f__Nanosyncoccaceae.g__Nanosyncoccus
d__Bacteria.p__Patescibacteria
d__Bacteria.p__Firmicutes.o__Erysipelotrichales.f__Erysipelotrichaceae.g__C_19.s__C_19_sp910576855.z__GCA_910576855_1_Erysipelotrichales_bacterium__MGBC000215
d__Bacteria.p__Firmicutes.o__Erysipelotrichales.f__Erysipelotrichaceae.g__C_19.s__C_19_sp910576855
0
1
2
3
4
5
LDA score(log10)