Anaeromyces_robustus_S4_305391
Anaeromyces_robustus_S4_330235
Anaeromyces_robustus_S4_330234
Anaeromyces_robustus_S4_295777
Anaeromyces_sp_C3G_6164
Anaeromyces_sp_C3J_33178
Anaeromyces_sp_NA_28982
Anaeromyces_sp_C3J_32903
Anaeromyces_robustus_S4_294801
Pecoramyces_sp_FS3C_28347
Pecoramyces_ruminantium_C1A_1181724
Anaeromyces_sp_C3J_32897
Caecomyces_sp_Iso3_28243
Anaeromyces_robustus_S4_265696
Piromyces_sp_E2_13282
Piromyces_sp_E2_16996
Anaeromyces_sp_C3G_3365
Caecomyces_sp_Iso3_12816
Piromyces_sp_B4_57595
Piromyces_sp_B4_50542
Caecomyces_sp_Brit4_2790
Piromyces_finnis_356560
Piromyces_finnis_414173
Piromyces_sp_E2_5442
Piromyces_finnis_409988
Piromyces_sp_B4_55629
Piromyces_finnis_581087
Piromyces_sp_E2_5441
Pecoramyces_sp_FS3C_28354
Pecoramyces_ruminantium_C1A_1180421
Feramyces_austinii_WSF2c_44490
Feramyces_austinii_WSF3a_38604
Anaeromyces_robustus_S4_329210
Anaeromyces_sp_C3G_17122
Caecomyces_sp_Brit4_7458
Caecomyces_sp_Iso3_32479
Piromyces_sp_E2_5444
Piromyces_finnis_345772
Piromyces_sp_E2_2486
Pecoramyces_sp_FS3C_4471
Pecoramyces_sp_FS3C_18029
Pecoramyces_ruminantium_C1A_1186381
Pecoramyces_sp_YC3_16201
Pecoramyces_ruminantium_C1A_1175978
Neocallimastix_californiae_G1_510108
Neocallimastix_californiae_G1_510110
Neocallimastix_californiae_G1_510107
Neocallimastix_californiae_G1_620865
Anaeromyces_robustus_S4_275012
Anaeromyces_robustus_S4_293955
Piromyces_sp_E2_15943
Pecoramyces_ruminantium_C1A_1179782
Pecoramyces_ruminantium_C1A_1179708
Pecoramyces_ruminantium_C1A_1187945
Neocallimastix_californiae_G1_640852
Neocallimastix_californiae_G1_640854
Neocallimastix_californiae_G1_670432
Feramyces_austinii_WSF3a_27727
Pecoramyces_sp_YC3_20461
Anaeromyces_robustus_S4_330057
Piromyces_sp_E2_12499
Neocallimastix_californiae_G1_679316
Neocallimastix_californiae_G1_710198
Feramyces_austinii_WSF2c_15374
Feramyces_austinii_WSF2c_32250
Neocallimastix_frontalis_Hef5_44591
Neocallimastix_californiae_G1_638851
Neocallimastix_californiae_G1_679086
Piromyces_sp_B4_59147
Piromyces_finnis_585400
Piromyces_sp_E2_12505
Pecoramyces_ruminantium_C1A_1179702
Anaeromyces_robustus_S4_273069
Anaeromyces_robustus_S4_330058
Caecomyces_sp_Iso3_24744
Feramyces_austinii_WSF3a_47915
Piromyces_sp_E2_8821
Anaeromyces_robustus_S4_327961
Anaeromyces_sp_NA_2763
Piromyces_sp_E2_13245
Piromyces_finnis_584506
Anaeromyces_robustus_S4_270435
Anaeromyces_sp_C3J_47439
Anaeromyces_sp_C3G_16487
Piromyces_sp_A1_999
Piromyces_sp_E2_12494
Piromyces_finnis_585406
Neocallimastix_californiae_G1_710490
Piromyces_finnis_336161
Piromyces_sp_E2_5043
Pecoramyces_sp_FS3C_30089
Pecoramyces_sp_S4B_32602
Pecoramyces_ruminantium_C1A_1180902
Piromyces_finnis_588453
Piromyces_sp_E2_8199
Anaeromyces_sp_C3G_5587
Caecomyces_sp_Brit4_6442
Piromyces_sp_E2_12496
Piromyces_finnis_585407
Caecomyces_sp_Iso3_11920
Caecomyces_sp_Brit4_25893
Pecoramyces_sp_YC3_29771
Pecoramyces_sp_YC3_29772
Pecoramyces_sp_S4B_19211
Pecoramyces_ruminantium_C1A_1182088
Neocallimastix_californiae_G1_702986
Piromyces_sp_E2_12497
Feramyces_austinii_WSF2c_14310
Piromyces_sp_B4_53914
Piromyces_sp_B4_53918
Piromyces_sp_B4_50142
Piromyces_sp_E2_10137
Piromyces_sp_A1_30720
Piromyces_sp_A1_30723
Piromyces_sp_E2_9301
Pecoramyces_ruminantium_C1A_1179584
Feramyces_austinii_WSF2c_1735_
Feramyces_austinii_WSF3a_29255
Neocallimastix_californiae_G1_670430
Pecoramyces_sp_YC3_29332
Feramyces_austinii_WSF3a_11808
Caecomyces_sp_Brit4_6443
Piromyces_sp_E2_9302
Anaeromyces_robustus_S4_328840
Neocallimastix_frontalis_Hef5_24931
Neocallimastix_californiae_G1_508092
Clostridiales_bacterium_C5EMF8_149-397
Oribacterium_sinus_C2KW59_105-357
Oribacterium_sp._oral_taxon_D4CKY0_76-312
Hungatella_hathewayi_D3AMA3_63-315
Lachnospiraceae_bacterium_R9J5D6_73-323
Lachnospiraceae_bacterium_R9KQJ4_95-344
Clostridium_stercorarium_L7VQR5_90-387
Lachnospiraceae_bacterium_R9KF64_92-341
Lachnospiraceae_bacterium_R6NI92_55-302
Eubacterium_infirmum_H1PJH2_85-332
Butyrivibrio_proteoclasticus_E0S0X0_131-383
Slackia_heliotrinireducens_C7N1V3_112-364
Solobacterium_moorei_E7MPP4_87-336
Ruminococcus_albus_E6UH47_75-327
Ruminococcus_flavefaciens_W7UGE5_82-335
Shuttleworthia_satelles_C4GCI5_90-332
Olsenella_sp_G5F167_130-400
Firmicutes_bacterium_R6F067_70-304
Blautia_sp_R7JSW3_124-384
Peptostreptococcaceae_bacterium_J4TAQ5_87-323
Roseburia_inulinivorans_R5HY49_93-400
Desulfitobacterium_hafniense_Q24Y85_86-386
Marvinbryantia_formatexigens_C6LI05_95-382
Slackia_piriformis_K0YXK2_115-365
Adlercreutzia_equolifaciens_S6C770_119-338
Eggerthella_lenta_C8WKR1_151-371
Cryptobacterium_curtum_C7MME2_108-359
Methanocorpusculum_labreanum_A2SQ64_83-403
Syntrophobotulus_glycolicus_F0SYP4_82-361
Ruminococcus_albus_E6UH17_81-445
Cellulomonas_flavigena_WP_013116373.1
Cellulomonas_flavigena_WP_013116374.1
Xylanimonas_cellulosilytica_D1C0K7_108-371
Sanguibacter_keddieii_D1BCC2_100-367
Cellulomonas_fimi_F4H3C7_106-370
Gemmatimonas_aurantiaca_C1AAE0_125-385
Brachybacterium_phenoliresistens_Z9JUC2_86-337
Jonesia_denitrificans_C7QZY8_91-348
Pseudarthrobacter_chlorophenolicus_B8HFZ5_99-345
Pseudoflavonifractor_capillosus_A6NRS6_135-438
Clostridium_lentocellum_F2JJB4_102-355
Holdemania_filiformis_B9YAY1_91-365
Anaerotruncus_sp._G3_R9LFA9_56-387
Ruminococcus_flavefaciens_W7UM54_137-388
Ruminococcus_flavefaciens_W7UW60_139-390
Ruminococcus_champanellensis_D4L9K5_123-388
Turicibacter_sanguinis_D4W5L2_74-354
Clostridium_celatum_L1Q6H2_67-347
Methanofollis_liminatans_J0SB26_80-359
Youngiibacter_fragilis_V7I1Z8_98-374
Methanolacinia_petrolearia_E1RD34_94-376
Oceanobacillus_picturae_W9AMP1_76-417
Desulfosporosinus_youngiae_H5XXH7_79-371
Clostridium_lentocellum_F2JP69_95-395
Bacillus_azotoformans_K6DIH1_91-377
Paenibacillus_mucilaginosus_WP_014368460.1
Erysipelotrichaceae_bacterium_E2SKD2_64-342
Ruminococcus_champanellensis_D4LFA6_96-370
Paraprevotella_clara_R5NWY7_117-408
Bacteroides_thetaiotaomicron_Q8A6T0_117-361
Bacteroides_cellulosilyticus_R6KIA5_117-382
Capnocytophaga_sp_F0IGU7_95-376
Prevotella_sp_R5PPA9_100-374
Clostridium_thermocellum_A3DDD5_139-377
Weissella_confusa_H1X9B0_91-341
Butyrivibrio_crossotus_R5LE19_73-318
Fibrobacter_succinogenes_D9S755_112-377
Fibrobacter_succinogenes_C9RN77_191-498
Coprobacillus_sp_R5FW97_289-548
Staphylococcus_R6UEN0_78-333
Coprobacillus_sp_R7DND1_73-327
Eubacterium_eligens_C4Z222_81-435
Ruminococcus_albus_E6UH50_143-458
Ruminococcus_flavefaciens_W7UM54_506-834
Ruminococcus_champanellensis_D4L9K5_469-775
Faecalibacterium_sp_R7ILX8_40-324
Clostridium_thermocellum_A3DHD2_56-282
0.3