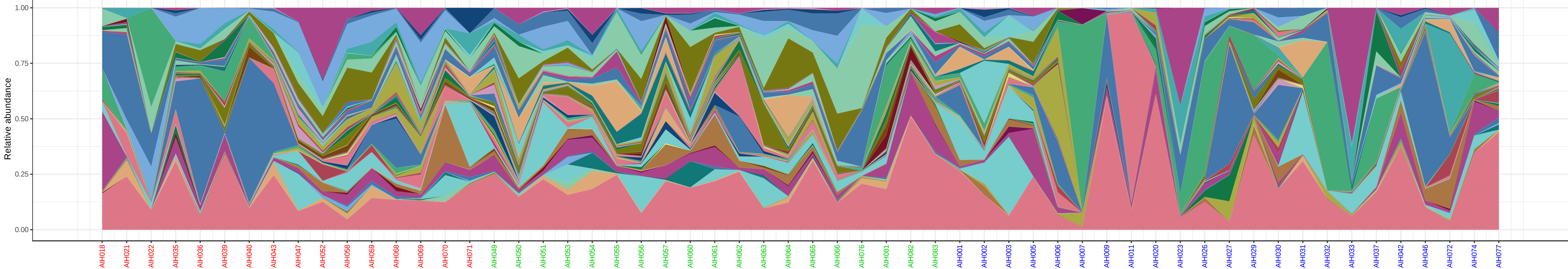


Relative abundance



Species

Actinomyces\_odontolyticus  
Akkermansia\_muciniphila  
Alistipes\_indistinctus  
Alistipes\_marseillanorexicus  
Alistipes\_obesi  
Alistipes\_putredinis  
Anaerotruncus\_colihominis  
Bacteroides\_caccae  
Bacteroides\_cellulosilyticus  
Bacteroides\_massiliensis  
Bacteroides\_plebeius  
Bacteroides\_uniformis  
Barnesiella\_intestinihominis  
Bifidobacterium\_bifidum  
Bilophila\_wadsworthia  
Bradyrhizobium\_elkanii  
Butyriconas\_virosa  
Christensenella\_minuta  
Clostridium\_disporicum  
Collinsella\_aerofaciens  
Coprococcus\_eutactus  
Dialister\_pneumosintes  
Dorea\_longicatena  
Eggerthella\_lenta  
Eubacterium\_brachy  
Eubacterium\_eligens  
Eubacterium\_siraeum  
Fusicatenibacter\_saccharivorans  
Gemella\_haemolysans  
Granulicatella\_adiacens  
Haemophilus\_parainfluenzae  
Holdemania\_filiformis  
Intestinibacter\_bartlettii  
Intestinimonas\_butyrificiproducens  
Kluyvera\_ascorbata  
Lachnospirillum\_aldense  
Lachnospirillum\_asparagiforme  
Lachnospirillum\_citroniae

Lachnospirillum\_scindens  
Lactobacillus\_antri  
Lactobacillus\_rogosae  
Lactobacillus\_salivarius  
Lactococcus\_lactis  
Odoribacter\_splanchnicus  
Oscillospira\_plautii  
OTU100.NN.Eubacterium\_saphenum\_GU427005.D.91  
OTU1000.NN.Bacteroides\_vulgatus\_BNRRR16SA.D.96\_9  
OTU1028.NN.Ruminococcus\_gnavus\_JN713312.D.95\_6  
OTU1033.NN.Ruminococcus\_bromii\_DQ882649.D.88  
OTU1051.NN.Christensenella\_minuta\_AB490809.D.87\_2  
OTU107.NN.Blaustia\_glucerasea\_AB588023.D.95\_6  
OTU1087.NN.Blaustia\_glucerasea\_AB588023.D.93  
OTU1103.NN.OscillospiraPseudoflavonifractor\_capillosus\_AY136666.D.92\_3  
OTU1147.NN.Clostridium\_glycolicum\_AY007244.D.96\_3  
OTU1160.NN.Clostridium\_methylpentosum\_Y18181.D.94\_6  
OTU117.NN.Clostridium\_bolteae\_AJ508452.D.90\_7  
OTU119.NN.Papillibacter\_cinnamivorans\_AF167711.D.91\_1  
OTU1226.NN.Oscillibacter\_valericigenes\_AB238598.D.94\_8  
OTU1240.NN.OscillospiraClostridium\_viride\_X81125.D.86  
OTU126.NN.Alistipes\_marseillanorexicus\_JX101692.D.90\_9  
OTU1288.NN.Clostridium\_sporosphaeroides\_CLORR16SAD.D.92\_8  
OTU1291.NN.Lactobacillus\_gasseri\_JQ805634.D.97  
OTU131.NN.Oscillibacter\_valericigenes\_AB238598.D.93\_5  
OTU1335.NN.Oscillibacter\_valericigenes\_AB238598.D.95\_6  
OTU1337.NN.Desulfovibrio\_desulfuricans\_DVURRDA.D.89  
OTU1339.NN.Clostridium\_clariflavum\_NR\_102987\_1.D.76\_8  
OTU1358.NN.Oscillibacter\_valericigenes\_AB238598.D.91\_3  
OTU136.NN.OscillospiraPseudoflavonifractor\_capillosus\_AY136666.D.91\_2  
OTU1376.NN.Acinetobacter\_septicus\_EF611418.D.96  
OTU1387.NN.Alistipes\_timonensis\_JF824799.D.96\_6  
OTU1390.NN.Parabacteroides\_gordonii\_AB470344.D.80\_1  
OTU1413.NN.Mesorhizobium\_lotii\_RLU50164.D.82\_1  
OTU1424.NN.Dorea\_formicigenens\_EUBRRDP.D.96\_7  
OTU1482.NN.Veillonella\_atypica\_X84007.D.96\_9  
OTU1491.NN.Eubacterium\_sulci\_AJ006963.D.90\_3  
OTU1513.NN.Christensenella\_minuta\_AB490809.D.84\_3

OTU152.NN.Oscillibacter\_valericigenes\_AB238598.D.94\_3  
OTU1524.NN.Anaerofilum\_pentosovorans\_X97852.D.90\_6  
OTU1527.NN.OscillospiraPseudoflavonifractor\_capillosus\_AY136666.D.93\_9  
OTU1536.NN.Eubacterium\_ventriosum\_EUBRRDAB.D.95\_6  
OTU1551.NN.Clostridium\_sporosphaeroides\_CLORR16SAD.D.91\_1  
OTU1552.NN.Catabacter\_hongkongensis\_AB671763.D.82\_8  
OTU156.NN.Oscillibacter\_valericigenes\_AB238598.D.95\_3  
OTU1560.NN.Oscillibacter\_valericigenes\_AB238598.D.90\_2  
OTU1568.NN.Clostridium\_sporosphaeroides\_CLORR16SAD.D.93\_7  
OTU1592.NN.Christensenella\_minuta\_AB490809.D.88\_2  
OTU160.NN.Intestinimonas\_butyrificiproducens\_JX101685\_1.D.91\_4  
OTU1615.NN.Eubacterium\_ventriosum\_EUBRRDAB.D.95\_1  
OTU1616.NN.Fusicatenibacter\_saccharivorans\_AB698912.D.90\_2  
OTU1632.NN.Ruminococcus\_bromii\_DQ882649.D.86\_7  
OTU1683.NN.Ruminococcus\_bromii\_DQ882649.D.90  
OTU1688.NN.Gemmiger\_formicilis\_GU562446.D.92\_5  
OTU1689.NN.Soleaferrea\_massiliensis\_JX101688.D.88\_9  
OTU169.NN.Faecalibacterium\_prausnitzii\_X85022.D.96\_7  
OTU1701.NN.Papillibacter\_cinnamivorans\_AF167711.D.89\_7  
OTU1709.NN.Desulfitobacterium\_frappieri\_DFU40078.D.85\_6  
OTU1731.NN.Roseburia\_intestinalis\_AB661435.D.97  
OTU174.NN.Anoxystipes\_fissicatena\_NR\_104800\_1.D.92\_4  
OTU175.NN.Roseburia\_hominis\_AB661434.D.94\_3  
OTU178.NN.Oscillibacter\_valericigenes\_AB238598.D.92\_5  
OTU18.NN.Ruminococcus\_bromii\_DQ882649.D.88\_1  
OTU19.NN.Phenylobacterium\_haematophilum\_AJ244650.D.97  
OTU197.NN.Ruminococcus\_albus\_AY445596.D.93\_7  
OTU206.NN.Oscillibacter\_valericigenes\_AB238598.D.95\_4  
OTU214.NN.Eubacterium\_biforme\_JF298897.D.96\_8  
OTU234.NN.Prevotella\_conceptionensis\_HM587326.D.87\_4  
OTU24.NN.Massilia\_aurea\_AM231588.D.96\_2  
OTU252.NN.Rothia\_aeria\_AB753461.D.96\_6  
OTU253.NN.Geobacillus\_stearothermophilus\_EF025325.D.75\_9  
OTU255.NN.Anoxystipes\_fissicatena\_NR\_104800\_1.D.94\_9  
OTU260.NN.Clostridium\_clostridioforme\_AY169422.D.94\_1  
OTU286.NN.Ruminococcus\_bromii\_DQ882649.D.96\_6  
OTU293.NN.Clostridium\_glycyrrhizinilyticum\_AB233029.D.91\_2  
OTU303.NN.Eggerthella\_lenta\_AF292375.D.87\_9

OTU342.NN.Clostridium\_clariflavum\_NR\_102987\_1.D.77\_3  
OTU355.NN.Clostridium\_lactatifermentans\_AY033434.D.90\_6  
OTU363.NN.Anaerofilum\_pentosovorans\_X97852.D.92\_9  
OTU371.NN.OscillospiraPseudoflavonifractor\_capillosus\_AY136666.D.92\_5  
OTU379.NN.Dialister\_succinatophilus\_AB370249.D.96\_3  
OTU383.NN.Clostridium\_populeti\_X71853.D.91\_5  
OTU395.NN.Clostridium\_bolteae\_AJ508452.D.93\_5  
OTU405.NN.Barnesiella\_intestinihominis\_AB370251.D.89\_9  
OTU426.NN.Clostridium\_sporosphaeroides\_CLORR16SAD.D.92\_3  
OTU434.NN.Clostridium\_lactatifermentans\_AY033434.D.95\_2  
OTU468.NN.OscillospiraFlavonifractor\_plautii\_Y18187.D.93\_9  
OTU471.NN.Clostridium\_lituseburense\_CLORR16SC.D.96\_6  
OTU482.NN.Eubacterium\_sulci\_AJ006963.D.89\_4  
OTU483.NN.Lactobacillus\_rogosae\_GU269544.D.95\_9  
OTU500.NN.Oscillibacter\_valericigenes\_AB238598.D.90\_6  
OTU506.NN.Christensenella\_minuta\_AB490809.D.83\_8  
OTU516.NN.Prevotella\_copri\_AB064923.D.96\_6  
OTU521.NN.Papillibacter\_cinnamivorans\_AF167711.D.89\_6  
OTU555.NN.Christensenella\_minuta\_AB490809.D.88\_7  
OTU58.NN.OscillospiraFlavonifractor\_plautii\_Y18187.D.95\_5  
OTU60.NN.Ruminococcus\_bromii\_DQ882649.D.89\_6  
OTU622.NN.Clostridium\_methylpentosum\_Y18181.D.87\_5  
OTU644.NN.Dorea\_massiliensis\_JX101687.D.88\_1  
OTU657.NN.Soleaferrea\_massiliensis\_JX101688.D.88\_5  
OTU661.NN.Blaustia\_wexlerae\_EF036467.D.94\_9  
OTU673.NN.Ruminococcus\_callidus\_X85100.D.93\_8  
OTU694.NN.Clostridium\_clariflavum\_NR\_102987\_1.D.85\_2  
OTU699.NN.Clostridium\_methylpentosum\_Y18181.D.88\_8  
OTU700.NN.Oscillibacter\_valericigenes\_AB238598.D.90\_8  
OTU761.NN.Clostridium\_sporosphaeroides\_CLORR16SAD.D.93\_2  
OTU767.NN.Anoxystipes\_fissicatena\_NR\_104800\_1.D.93\_6  
OTU790.NN.Barnesiella\_intestinihominis\_AB370251.D.84\_6  
OTU798.NN.Oscillibacter\_valericigenes\_AB238598.D.90\_1  
OTU80.NN.Eubacterium\_desmolans\_EUBRRDO.D.94\_1  
OTU807.NN.Soleaferrea\_massiliensis\_JX101688.D.86\_9  
OTU808.NN.Eubacterium\_ramulus\_EUBRRDT.D.95\_9  
OTU810.NN.Soleaferrea\_massiliensis\_JX101688.D.87\_6  
OTU82.NN.Clostridium\_lactatifermentans\_AY033434.D.93\_1

OTU84.NN.Robinsoniella\_peoriensis\_AF445258.D.93\_1  
OTU840.NN.Oscillibacter\_valericigenes\_AB238598.D.94\_8  
OTU841.NN.Eubacterium\_saphenum\_GU427005.D.91\_9  
OTU845.NN.Alistipes\_anderdonkii\_AB554231.D.96\_7  
OTU855.NN.Roseburia\_faecis\_AY804149.D.95\_5  
OTU857.NN.Eubacterium\_sulci\_AJ006963.D.90\_2  
OTU867.NN.Christensenella\_minuta\_AB490809.D.91\_9  
OTU869.NN.Papillibacter\_cinnamivorans\_AF167711.D.90\_2  
OTU877.NN.OscillospiraFlavonifractor\_plautii\_Y18187.D.93\_8  
OTU902.NN.Prevotella\_loeschii\_AB547688.D.88\_8  
OTU916.NN.Eubacterium\_siraeum\_EUBRRDV.D.93\_2  
OTU93.NN.Ruminococcus\_bromii\_DQ882649.D.96\_3  
OTU957.NN.Anoxystipes\_fissicatena\_NR\_104800\_1.D.93\_2  
OTU962.NN.Oscillibacter\_valericigenes\_AB238598.D.89\_7  
OTU976.NN.Eubacterium\_sulci\_AJ006963.D.91\_7  
OTU98.NN.Christensenella\_minuta\_AB490809.D.84\_9  
OTU988.NN.Barnesiella\_intestinihominis\_AB370251.D.87\_1  
OTU995.NN.Gemmiger\_formicilis\_GU562446.D.92  
OTU997.NN.Catabacter\_hongkongensis\_AB671763.D.82\_9  
Parabacteroides\_goldsteinii  
Parabacteroides\_merdae  
Paraprevotella\_clara  
Parasutterella\_excrementihominis  
Pelomonas\_saccharophila  
Phascolarctobacterium\_faecium  
Phascolarctobacterium\_succinatutens  
Phenylobacterium\_haematophilum  
Ruminococcus\_callidus  
Ruminococcus\_lactaris  
Shigella\_sonnei  
Streptococcus\_anginosus  
Streptococcus\_infantis  
Sutterella\_wadsworthensis  
Turicibacter\_sanguinis  
Tyzzerella\_lactatifermentans  
Veillonella\_rogosae  
NA