g__Anaerocolumna
g__Peptococcus
g__Staphylococcus
g__A2
g__Rikenella
g__Pseudomonas
g__Bacteroides
g__Escherichia-Shigella
g__Parabacteroides
g__Anaerotruncus
g__Lachnospiraceae_UCG-006
g__Candidatus_Saccharimonas
g__Lachnospiraceae_NK4A136_group
g__norank_f__norank_o__RF39
g__Hydrogenoanaerobacterium
g__Eisenbergiella
g__Lachnoclostridium
g__Desulfovibrio
g__norank_f__Lachnospiraceae
g__unclassified_f__Lachnospiraceae
g__Family_XIII_UCG-001
g__Lachnospiraceae_FCS020_group
g__Roseburia
g__Tyzzerella
g__Eubacterium_nodatum_group
g__norank_f__Ruminococcaceae
g__Lachnospiraceae_UCG-001
g__unclassified_f__Ruminococcaceae
g__Anaerovorax
g__Lactobacillus
g__Anaeroplasma
g__NK4A214_group
g__Acetitomaculum
g__Helicobacter
g__GCA-900066575
g__Blautia
g__Eubacterium_xylanophilum_group
g__Bacillus
g__unclassified_f__Oscillospiraceae
g__Ruminococcus
g__norank_f__Bacteroidetes_vadinHA17
g__unclassified_f__Thermomonosporaceae
g__norank_f__norank_o__Clostridia_UCG-014
g__norank_f__UCG-010
g__unclassified_o__Oscillospirales
g__Marvinbryantia
g__norank_f__Eubacterium_coprostanoligenes_group
g__Erysipelatoclostridium
g__Parasutterella
g__norank_f__norank_o__Rhodospirillales
g__Candidatus_Stoquefichus
g__norank_f__Barnesiellaceae
g__Family_XIII_AD3011_group
g__Mucispirillum
g__Rodentibacter
g__UBA1819
g__Romboutsia
g__Alloprevotella
g__norank_f__norank_o__Clostridia_vadinBB60_group
g__Acinetobacter
g__Monoglobus
g__Burkholderia-Caballeronia-Paraburkholderia
g__norank_f__Muribaculaceae
g__unclassified_c__Clostridia
g__Ileibacterium
g__Lachnospiraceae_UCG-010
g__unclassified_f__Hungateiclostridiaceae
g__ASF356
g__Aerococcus
g__Turicibacter
g__UCG-009
g__Herbaspirillum
g__Oscillibacter
g__unclassified_f__Anaerovoracaceae
g__Harryflintia
g__norank_f__Erysipelatoclostridiaceae
g__norank_f__Oscillospiraceae
g__unclassified_o__Bacteroidales
g__UCG-005
g__Enterococcus
g__Proteus
g__Kocuria
g__norank_f__Rs-E47_termite_group
g__Muribaculum
g__unclassified_f__Prevotellaceae
g__Paludicola
g__Mycoplasma
g__norank_f__Desulfovibrionaceae
g__Rikenellaceae_RC9_gut_group
g__Dubosiella
g__Akkermansia
g__Faecalibaculum
g__Christensenellaceae_R-7_group
g__Candidatus_Soleaferrea
g__norank_f__norank_o__Chloroplast
g__norank_f__Rhizobiaceae
g__norank_f__norank_o__norank_c__Clostridia
g__Ruminococcus_gauvreauii_group
g__Rhodococcus
g__Saccharopolyspora
g__unclassified_f__Eggerthellaceae
g__Enterorhabdus
g__norank_f__Eggerthellaceae
g__norank_f__Coriobacteriales_Incertae_Sedis
g__norank_f__norank_o__norank_c__norank_p__Firmicutes
g__Alistipes
g__Ruminiclostridium
g__Brevundimonas
g__Lactococcus
g__Bilophila
g__Candidatus_Arthromitus
g__Bifidobacterium
g__Coriobacteriaceae_UCG-002
g__DNF00809
g__norank_f__Flavobacteriaceae
g__Cetobacterium
g__Atopostipes
g__Enteractinococcus
g__Facklamia
g__Jeotgalicoccus
g__Pseudogracilibacillus
g__norank_f__Bacillaceae
g__Paenalcaligenes
g__Corynebacterium
g__Psychrobacter
g__norank_f__F082
g__norank_f__JG30-KF-CM45
g__Morganella
g__Mycobacterium
g__norank_f__Christensenellaceae
g__Exiguobacterium
g__Lysinibacillus
g__norank_f__norank_o__Gastranaerophilales
g__norank_f__norank_o__Oscillospirales
g__Prevotellaceae_UCG-001
g__Streptococcus
g__Clostridium_sensu_stricto_1
g__Odoribacter
g__Intestinimonas
g__Colidextribacter
g__Anaerofustis
g__norank_f__Peptococcaceae
g__norank_f__Erysipelotrichaceae
g__Eubacterium_brachy_group
g__Ralstonia
g__Negativibacillus
g__unclassified_f__Erysipelotrichaceae
g__Eubacterium_siraeum_group
g__Butyricicoccus
g__unclassified_f__Christensenellaceae
Valeric acid
Isobutyric acid
Isovaleric acid
Acetic acid
Propanoic acid
Butanoic acid
Hexanoic acid
Isohexanoic acid
0.5
0
-0.5