```
k_Archaea;p_Euryarchaeota;g_Methanobrevibacter;s_Methanobrevibacter smithii;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Actinobacteria;g_Actinomyces;s_unknown;x_unknown;y_unknown;z_HMSC035G02
k_Bacteria;p_Actinobacteria;g_Adlercreutzia;s_Adlercreutzia equolifaciens;x_unknown;y_unknown;z_Adlercreutzia equolifaciens DSM 19450
k_Bacteria;p_Actinobacteria;g_Asaccharobacter;s_Asaccharobacter celatus;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Actinobacteria;g_Bifidobacterium;s_Bifidobacterium bifidum;x_unknown;y_unknown;z_Bifidobacterium bifidum ATCC 29521 = JCM 1255 = DSM 20456
k_Bacteria;p_Actinobacteria;g_Bifidobacterium;s_Bifidobacterium bifidum;x_unknown;y_unknown;z_Bifidobacterium bifidum PRL2010
  k_Bacteria;p_Actinobacteria;g_Bifidobacterium;s_Bifidobacterium longum;x_unknown;y_unknown;z_unknown |
k_Bacteria;p_Actinobacteria;g_Bifidobacterium;s_Bifidobacterium pseudocatenulatum;x_unknown;y_unknown;z_Bifidobacterium pseudocatenulatum DSM 20438 = JCM 1200 = LMG 10505
k_Bacteria;p_Actinobacteria;g_Collinsella;s_Collinsella intestinalis;x_unknown;y_unknown;z_Collinsella intestinalis DSM 13280
k_Bacteria;p_Actinobacteria;g_Collinsella;s_uncultured Collinsella sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Actinobacteria;g_Collinsella;s_unknown;x_unknown;y_unknown;z_AM34-10
k_Bacteria;p_Actinobacteria;g_Collinsella;s_unknown;x_unknown;y_unknown;z_TF05-9AC
k_Bacteria;p_Actinobacteria;g_Cryptobacterium;s_unknown;x_unknown;y_unknown;z_CAG:338
k_Bacteria;p_Actinobacteria;g_Eggerthella;s_Eggerthella lenta;x_unknown;y_unknown;z_Eggerthella lenta DSM 2243
k_Bacteria;p_Actinobacteria;g_Eggerthella;s_uncultured Eggerthella sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Actinobacteria;g_Eggerthella;s_unknown;x_unknown;y_unknown;z_CAG:298
k_Bacteria;p_Actinobacteria;g_Enorma;s_Enorma massiliensis;x_unknown;y_unknown;z_Enorma massiliensis phl
  k_Bacteria;p_Actinobacteria;g_Gordonibacter;s_Gordonibacter pamelaeae;x_unknown;y_unknown;z_Gordonibacter pamelaeae 7-10-1-b
k_Bacteria;p_Actinobacteria;g_unknown;s_Coriobacteriia bacterium;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Actinobacteria;g_unknown;s_uncultured Coriobacteriaceae bacterium;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_Alistipes communis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_Alistipes finegoldii;x_unknown;y_unknown;z_Alistipes finegoldii DSM 17242
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_Alistipes ihumii;x_unknown;y_unknown;z_Alistipes ihumii AP11
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_Alistipes indistinctus;x_unknown;y_unknown;z_Alistipes indistinctus YIT 12060
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_Alistipes onderdonkii;x_Alistipes onderdonkii subsp. vulgaris;y_unknown;z_unknowr
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_Alistipes onderdonkii;x_unknown;y_unknown;z_Alistipes onderdonkii WAL 8169 = DSM 19147
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_Alistipes putredinis;x_unknown;y_unknown;z_Alistipes putredinis DSM 17216
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_Alistipes shahii;x_unknown;y_unknown;z_Alistipes shahii WAL 8301
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_Alistipes timonensis;x_unknown;y_unknown;z_Alistipes timonensis JC136
k_Bacteria;p_Bacteroidetes;g_Alistipes;s_uncultured Alistipes sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides caccae CAG:21;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides cellulosilyticus CAG:158;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides cellulosilyticus;x_unknown;y_unknown;z_Bacteroides cellulosilyticus DSM 14838
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides cellulosilyticus;x_unknown;y_unknown;z_unknown
 k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides dorei CAG:222;x_unknown;y_unknown;z_unknown
  k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides dorei;x_unknown;y_unknown;z_Bacteroides dorei DSM 17855
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides dorei;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides eggerthii;x_unknown;y_unknown;z_Bacteroides eggerthii DSM 20697
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides faecis;x_unknown;y_unknown;z_Bacteroides faecis MAJ27
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides finegoldii CAG:203;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides finegoldii;x_unknown;y_unknown;z_Bacteroides finegoldii DSM 17565
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides fragilis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides massiliensis;x_unknown;y_unknown;z_Bacteroides massiliensis B84634 = Timone 84634 = DSM 17679 = JCM 13223
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides ovatus;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides salyersiae;x_unknown;y_unknown;z_Bacteroides salyersiae WAL 10018 = DSM 18765 = JCM 12988
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides stercoris;x_unknown;y_unknown;z_Bacteroides stercoris ATCC 43183
   k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides thetaiotaomicron;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides timonensis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides uniformis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides vulgatus;x_unknown;y_unknown;z_Bacteroides vulgatus ATCC 8482
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides vulgatus;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides xylanisolvens;x_unknown;y_unknown;z_Bacteroides xylanisolvens XB1A
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_Bacteroides xylanisolvens;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_uncultured Bacteroides sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_unknown;x_unknown;y_unknown;z_43_108
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_unknown;x_unknown;y_unknown;z_CAG:144
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_unknown;x_unknown;y_unknown;z_HF-5092
k_Bacteria;p_Bacteroidetes;g_Bacteroides;s_unknown;x_unknown;y_unknown;z_OF02-3LB
k_Bacteria;p_Bacteroidetes;g_Barnesiella;s_Barnesiella intestinihominis;x_unknown;y_unknown;z_Barnesiella intestinihominis YIT 11860
k_Bacteria;p_Bacteroidetes;g_Butyricimonas;s_Butyricimonas faecalis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Butyricimonas;s_Butyricimonas virosa;x_unknown;y_unknown;z_Butyricimonas virosa DSM 23226
k_Bacteria;p_Bacteroidetes;g_Gabonia;s_Gabonia massiliensis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Odoribacter;s_Odoribacter laneus;x_unknown;y_unknown;z_Odoribacter laneus YIT 12061
  k_Bacteria;p_Bacteroidetes;g_Odoribacter;s_Odoribacter splanchnicus;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Odoribacter;s_uncultured Odoribacter sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Parabacteroides;s_Parabacteroides distasonis;x_unknown;y_unknown;z_Parabacteroides distasonis ATCC 8503
k_Bacteria;p_Bacteroidetes;g_Parabacteroides;s_Parabacteroides distasonis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Bacteroidetes;g_Parabacteroides;s_Parabacteroides goldsteinii;x_unknown;y_unknown;z_Parabacteroides goldsteinii CL02T12C30
k_Bacteria;p_Bacteroidetes;g_Parabacteroides;s_Parabacteroides johnsonii;x_unknown;y_unknown;z_Parabacteroides johnsonii CL02T12C29
k_Bacteria;p_Bacteroidetes;g_Parabacteroides;s_Parabacteroides johnsonii;x_unknown;y_unknown;z_Parabacteroides johnsonii DSM 18315
k_Bacteria;p_Bacteroidetes;g_Parabacteroides;s_Parabacteroides merdae;x_unknown;y_unknown;z_Parabacteroides merdae ATCC 43184
k_Bacteria;p_Bacteroidetes;g_Tidjanibacter;s_Tidjanibacter massiliensis;x_unknown;y_unknown;z_unknown
_____ k__Bacteria;p__Candidatus Melainabacteria;g__unknown;s__Candidatus Gastranaerophilales bacterium;x__unknown;y__unknown;z__unknown
k_Bacteria;p_Firmicutes;g_Agathobaculum;s_Agathobaculum butyriciproducens;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Anaerobutyricum;s_Anaerobutyricum hallii;x_unknown;y_unknown;z_Anaerobutyricum hallii DSM 3353
   k_Bacteria;p_Firmicutes;g_Anaerobutyricum;s_Anaerobutyricum hallii;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Anaerobutyricum;s_Anaerobutyricum soehngenii;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Anaeromassilibacillus;s_unknown;x_unknown;y_unknown;z_An172
k_Bacteria;p_Firmicutes;g_Anaeromassilibacillus;s_unknown;x_unknown;y_unknown;z_An200
k_Bacteria;p_Firmicutes;g_Anaeromassilibacillus;s_unknown;x_unknown;y_unknown;z_An250
k_Bacteria;p_Firmicutes;g_Anaeromassilibacillus;s_unknown;x_unknown;y_unknown;z_Marseille-P4683
k_Bacteria;p_Firmicutes;g_Anaerostipes;s_Anaerostipes hadrus;x_unknown;y_unknown;z_Anaerostipes hadrus DSM 3319
k_Bacteria;p_Firmicutes;g_Anaerostipes;s_Anaerostipes hadrus;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Anaerotignum;s_Anaerotignum faecicola;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Anaerotruncus;s_Anaerotruncus colihominis;x_unknown;y_unknown;z_Anaerotruncus colihominis DSM 17241
k_Bacteria;p_Firmicutes;g_Anaerotruncus;s_Anaerotruncus massiliensis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Bittarella;s_Bittarella massiliensis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Blautia;s_Blautia hansenii;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Blautia;s_Blautia massiliensis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Blautia;s_Blautia obeum;x_unknown;y_unknown;z_Blautia obeum A2-162
k_Bacteria;p_Firmicutes;g_Blautia;s_Blautia obeum;x_unknown;y_unknown;z_Blautia obeum ATCC 29174
k_Bacteria;p_Firmicutes;g_Blautia;s_Blautia obeum;x_unknown;y_unknown;z_unknown
   k_Bacteria;p_Firmicutes;g_Blautia;s_Blautia wexlerae;x_unknown;y_unknown;z_Blautia wexlerae AGR2146
k Bacteria;p Firmicutes;g Blautia;s Blautia wexlerae;x unknown;y unknown;z Blautia wexlerae DSM 19850
k_Bacteria;p_Firmicutes;g_Blautia;s_[Ruminococcus] gnavus;x_unknown;y_unknown;z_[Ruminococcus] gnavus AGR2154
k_Bacteria;p_Firmicutes;g_Blautia;s_[Ruminococcus] gnavus;x_unknown;y_unknown;z_[Ruminococcus] gnavus ATCC 29149
k_Bacteria;p_Firmicutes;g_Blautia;s_[Ruminococcus] torques;x_unknown;y_unknown;z_[Ruminococcus] torques ATCC 27756
k_Bacteria;p_Firmicutes;g_Blautia;s_[Ruminococcus] torques;x_unknown;y_unknown;z_[Ruminococcus] torques L2-14
k_Bacteria;p_Firmicutes;g_Blautia;s_uncultured Blautia sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Blautia;s_unknown;x_unknown;y_unknown;z_AF19-10LB
k_Bacteria;p_Firmicutes;g_Blautia;s_unknown;x_unknown;y_unknown;z_KGMB01111
k_Bacteria;p_Firmicutes;g_Blautia;s_unknown;x_unknown;y_unknown;z_Marseille-P3087
k_Bacteria;p_Firmicutes;g_Blautia;s_unknown;x_unknown;y_unknown;z_SG-772
k_Bacteria;p_Firmicutes;g_Butyricicoccus;s_unknown;x_unknown;y_unknown;z_OM04-18BH
   k_Bacteria;p_Firmicutes;g_Candidatus Cibiobacter;s_Candidatus Cibiobacter qucibialis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Candidatus Stoquefichus;s_unknown;x_unknown;y_unknown;z_SB1
k_Bacteria;p_Firmicutes;g_Catabacter;s_unknown;x_unknown;y_unknown;z_UBA1685
k_Bacteria;p_Firmicutes;g_Clostridium;s_Clostridium disporicum;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Clostridium;s_Clostridium phoceensis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Clostridium;s_Clostridium sporogenes;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Clostridium;s_uncultured Clostridium sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_26_22
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_29_15
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_AF27-2AA
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_AF37-5
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_AM22-11AC
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_AM33-3
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_AM34-11AC
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_AM49-4BH
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_AT4
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:138
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:167
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:169
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:217
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:245
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:253
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:273
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:354_28_25
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:433
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_CAG:58
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_Marseille-P3244
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_OF03-18AA
k_Bacteria;p_Firmicutes;g_Clostridium;s_unknown;x_unknown;y_unknown;z_SN20
   k Bacteria;p Firmicutes;g Coprococcus;s Coprococcus catus;x unknown;y unknown;z Coprococcus catus GD/7
k_Bacteria;p_Firmicutes;g_Coprococcus;s_Coprococcus comes;x_unknown;y_unknown;z_Coprococcus comes ATCC 27758
k_Bacteria;p_Firmicutes;g_Coprococcus;s_Coprococcus eutactus;x_unknown;y_unknown;z_Coprococcus eutactus ATCC 27759
k_Bacteria;p_Firmicutes;g_Coprococcus;s_Coprococcus phoceensis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Dialister;s_Dialister invisus;x_unknown;y_unknown;z_Dialister invisus DSM 15470
k_Bacteria;p_Firmicutes;g_Dialister;s_uncultured Dialister sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Dorea;s_Dorea formicigenerans;x_unknown;y_unknown;z_Dorea formicigenerans ATCC 27755
k_Bacteria;p_Firmicutes;g_Dorea;s_Dorea longicatena;x_unknown;y_unknown;z_Dorea longicatena DSM 13814
k_Bacteria;p_Firmicutes;g_Dorea;s_Dorea longicatena;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Dorea;s_uncultured Dorea sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Dorea;s_unknown;x_unknown;y_unknown;z_AF36-15AT
k_Bacteria;p_Firmicutes;g_Dorea;s_unknown;x_unknown;y_unknown;z_AM10-31
k_Bacteria;p_Firmicutes;g_Dysosmobacter;s_Dysosmobacter welbionis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Eisenbergiella;s_Eisenbergiella massiliensis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Eisenbergiella;s_Eisenbergiella tayi;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Erysipelatoclostridium;s_[Clostridium] innocuum;x_unknown;y_unknown;z_[Clostridium] innocuum 2959
k_Bacteria;p_Firmicutes;g_Erysipelatoclostridium;s_[Clostridium] spiroforme;x_unknown;y_unknown;z_[Clostridium] spiroforme DSM 1552
   k_Bacteria;p_Firmicutes;g_Eubacterium;s_Eubacterium ramulus;x_unknown;y_unknown;z_Eubacterium ramulus ATCC 29099
k_Bacteria;p_Firmicutes;g_Eubacterium;s_[Eubacterium] eligens;x_unknown;y_unknown;z_[Eubacterium] eligens ATCC 27750
k_Bacteria;p_Firmicutes;g_Eubacterium;s_[Eubacterium] eligens;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Eubacterium;s_uncultured Eubacterium sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Eubacterium;s_unknown;x_unknown;y_unknown;z_AF19-12LB
k_Bacteria;p_Firmicutes;g_Eubacterium;s_unknown;x_unknown;y_unknown;z_AF22-9
k_Bacteria;p_Firmicutes;g_Eubacterium;s_unknown;x_unknown;y_unknown;z_AM49-13BH
k_Bacteria;p_Firmicutes;g_Eubacterium;s_unknown;x_unknown;y_unknown;z_CAG:38
k_Bacteria;p_Firmicutes;g_Evtepia;s_Evtepia gabavorous;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Faecalibacterium;s_Faecalibacterium prausnitzii;x_unknown;y_unknown;z_Faecalibacterium prausnitzii A2-165
k_Bacteria;p_Firmicutes;g_Faecalibacterium;s_Faecalibacterium prausnitzii;x_unknown;y_unknown;z_Faecalibacterium prausnitzii M21/2
k_Bacteria;p_Firmicutes;g_Faecalibacterium;s_Faecalibacterium prausnitzii;x_unknown;y_unknown;z_unknown
  📕 k_Bacteria;p_Firmicutes;g_Faecalibacterium;s_uncultured Faecalibacterium sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Faecalicatena;s_Faecalicatena contorta;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Flavonifractor;s_uncultured Flavonifractor sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Flavonifractor;s_unknown;x_unknown;y_unknown;z_An100
k_Bacteria;p_Firmicutes;g_Frisingicoccus;s_Frisingicoccus caecimuris;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Fusicatenibacter;s_Fusicatenibacter saccharivorans;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Gemmiger;s_Gemmiger formicilis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Holdemania;s_Holdemania filiformis;x_unknown;y_unknown;z_Holdemania filiformis DSM 12042
k_Bacteria;p_Firmicutes;g_Hungatella;s_Hungatella hathewayi;x_unknown;y_unknown;z_Hungatella hathewayi DSM 13479
k_Bacteria;p_Firmicutes;g_Intestinimonas;s_Intestinimonas butyriciproducens;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Intestinimonas;s_Intestinimonas massiliensis;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Lachnobacterium;s_uncultured Lachnobacterium sp.;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Lachnoclostridium;s_[Clostridium] bolteae;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Lachnoclostridium;s_[Clostridium] citroniae;x_unknown;y_unknown;z_[Clostridium] citroniae WAL-17108
k_Bacteria;p_Firmicutes;g_Lachnoclostridium;s_[Clostridium] clostridioforme;x_unknown;y_unknown;z_[Clostridium] clostridioforme AGR2157
k_Bacteria;p_Firmicutes;g_Lachnoclostridium;s_[Clostridium] lavalense;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Lachnoclostridium;s_[Clostridium] symbiosum;x_unknown;y_unknown;z_[Clostridium] symbiosum WAL-14163
   k_Bacteria;p_Firmicutes;g_Lachnoclostridium;s_unknown;x_unknown;y_unknown;z_An138
k_Bacteria;p_Firmicutes;g_Lachnoclostridium;s_unknown;x_unknown;y_unknown;z_SNUG30386
k_Bacteria;p_Firmicutes;g_Lachnotalea;s_unknown;x_unknown;y_unknown;z_AF33-28
k_Bacteria;p_Firmicutes;g_Lactobacillus;s_Lactobacillus paracasei;x_unknown;y_unknown;z_Lactobacillus paracasei ATCC 334
k_Bacteria;p_Firmicutes;g_Lactobacillus;s_Lactobacillus rogosae;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Lactococcus;s_Lactococcus lactis;x_Lactococcus lactis subsp. lactis;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Lawsonibacter;s_Lawsonibacter asaccharolyticus;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Longibaculum;s_Longibaculum muris;x_unknown;y_unknown;z_unknown
k_Bacteria;p_Firmicutes;g_Marvinbryantia;s_Marvinbryantia formatexigens;x_unknown;y_unknown;z_Marvinbryantia formatexigens DSM 14469
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k\_Bacteria;p\_Firmicutes;g\_Marvinbryantia;s\_uncultured Marvinbryantia sp.;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_Massilioclostridium;s\_Massilioclostridium coli;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Negativibacillus;s\_Negativibacillus massiliensis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_uncultured Oscillibacter sp.;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Megamonas;s\_Megamonas funiformis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Merdibacter;s\_Merdibacter massiliensis;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_Monoglobus;s\_Monoglobus pectinilyticus;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Mordavella;s\_unknown;x\_unknown;y\_unknown;z\_Marseille-P3756

k\_Bacteria;p\_Firmicutes;g\_Phocea;s\_Phocea massiliensis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_Roseburia faecis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_unknown;x\_unknown;y\_unknown;z\_AM23-20
k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_unknown;x\_unknown;y\_unknown;z\_CAG:10041\_57
k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_unknown;x\_unknown;y\_unknown;z\_CAG:182

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_unknown;x\_unknown;y\_unknown;z\_AF21-42

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_unknown;x\_unknown;y\_unknown;z\_AF31-8BH

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_unknown;x\_unknown;y\_unknown;z\_AF41-9

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_unknown;x\_unknown;y\_unknown;z\_AF46-10NS

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_unknown;x\_unknown;y\_unknown;z\_AM22-13

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_unknown;x\_unknown;y\_unknown;z\_AM40-10AC

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_unknown;x\_unknown;y\_unknown;z\_AM42-11

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_unknown;x\_unknown;y\_unknown;z\_JC304

k\_Bacteria;p\_Firmicutes;g\_Staphylococcus;s\_unknown;x\_unknown;y\_unknown;z\_CAG:324

k\_Bacteria;p\_Firmicutes;g\_Subdoligranulum;s\_unknown;x\_unknown;y\_unknown;z\_APC924/74
k\_Bacteria;p\_Firmicutes;g\_Subdoligranulum;s\_unknown;x\_unknown;y\_unknown;z\_CAG:314
k\_Bacteria;p\_Firmicutes;g\_Turicibacter;s\_Turicibacter sanguinis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Clostridiales bacterium;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium AF25-13AC;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium AM31-12AC;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium AM55-24TS;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:103;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:124;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:170;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:176;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:194;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:24053\_14;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:424;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:83;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:94;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:95;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium OM08-11AC;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium TM09-10;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Lachnospiraceae bacterium AM48-27BH;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Lachnospiraceae bacterium GAM79;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Lachnospiraceae bacterium OF09-33XD;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Lachnospiraceae bacterium OM04-12BH;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Lachnospiraceae bacterium UBA7598;x\_unknown;y\_unknown;z\_unknown

k Bacteria;p Firmicutes;g unknown;s Lachnospiraceae bacterium;x unknown;y unknown;z unknown

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_[Eubacterium] siraeum;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Proteobacteria;g\_Acetobacter;s\_unknown;x\_unknown;y\_unknown;z\_46\_36

k\_Bacteria;p\_Tenericutes;g\_Mycoplasma;s\_unknown;x\_unknown;y\_unknown;z\_CAG:877

k\_Bacteria;p\_unknown;g\_unknown;s\_bacterium LF-3;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_unknown;g\_unknown;s\_bacterium;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_unknown;g\_unknown;s\_uncultured bacterium;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_uncultured Clostridiales bacterium;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_uncultured Erysipelotrichaceae bacterium;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_uncultured Lachnospiraceae bacterium;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_uncultured Ruminococcaceae bacterium;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Lentisphaerae;g\_unknown;s\_Victivallales bacterium CCUG 44730;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Proteobacteria;g\_Desulfovibrio;s\_Desulfovibrio fairfieldensis;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Proteobacteria;g\_Desulfovibrio;s\_uncultured Desulfovibrio sp.;x\_unknown;y\_unknown;z\_unknown

k Bacteria;p\_Proteobacteria;g\_Bilophila;s\_Bilophila wadsworthia;x\_unknown;y\_unknown;z\_Bilophila wadsworthia ATCC 49260

k\_Bacteria;p\_Proteobacteria;g\_Oxalobacter;s\_Oxalobacter formigenes;x\_unknown;y\_unknown;z\_Oxalobacter formigenes HOxBLS

k\_Bacteria;p\_Proteobacteria;g\_Sutterella;s\_Sutterella wadsworthensis;x\_unknown;y\_unknown;z\_Sutterella wadsworthensis 3\_1\_45B

k\_Bacteria;p\_Proteobacteria;g\_Desulfovibrio;s\_Desulfovibrio desulfuricans;x\_unknown;y\_unknown;z\_Desulfovibrio desulfuricans ATCC 27774

k\_Bacteria;p\_Proteobacteria;g\_Parasutterella;s\_Parasutterella excrementihominis;x\_unknown;y\_unknown;z\_Parasutterella excrementihominis YIT 11859

k Bacteria;p Lentisphaerae;g unknown;s Lentisphaeria bacterium;x unknown;y unknown;z unknown

k\_Bacteria;p\_Proteobacteria;g\_Acinetobacter;s\_unknown;x\_unknown;y\_unknown;z\_N54.MGS-139

k\_Bacteria;p\_Proteobacteria;g\_Escherichia;s\_Escherichia coli;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Proteobacteria;g\_Klebsiella;s\_Klebsiella oxytoca;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Proteobacteria;g\_Sutterella;s\_uncultured Sutterella sp.;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Proteobacteria;g\_unknown;s\_Proteobacteria bacterium CAG:495;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Proteobacteria;g\_unknown;s\_uncultured Rhodospirillaceae bacterium;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Tenericutes;g\_unknown;s\_Acholeplasmatales bacterium;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Tenericutes;g\_unknown;s\_uncultured Mollicutes bacterium;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Tenericutes;g\_unknown;s\_uncultured Tenericutes bacterium;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Verrucomicrobia;g\_Akkermansia;s\_Akkermansia muciniphila;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Ruminococcaceae bacterium AM07-15;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Ruminococcaceae bacterium D16;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Ruminococcaceae bacterium D5;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Ruminococcaceae bacterium;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_[Clostridium] leptum;x\_unknown;y\_unknown;z\_[Clostridium] leptum DSM 753

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_[Eubacterium] rectale;x\_unknown;y\_unknown;z\_[Eubacterium] rectale ATCC 33656

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_[Eubacterium] rectale;x\_unknown;y\_unknown;z\_[Eubacterium] rectale M104/1

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_[Eubacterium] siraeum;x\_unknown;y\_unknown;z\_[Eubacterium] siraeum DSM 15702

k\_Bacteria;p\_Firmicutes;g\_unknown;s\_[Bacteroides] pectinophilus;x\_unknown;y\_unknown;z\_[Bacteroides] pectinophilus ATCC 43243

k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_Roseburia hominis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Pseudoflavonifractor;s\_unknown;x\_unknown;y\_unknown;z\_AF19-9AC k\_Bacteria;p\_Firmicutes;g\_Pseudoflavonifractor;s\_unknown;x\_unknown;y\_unknown;z\_Marseille-P3106

k\_Bacteria;p\_Firmicutes;g\_Romboutsia;s\_Romboutsia timonensis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_uncultured Roseburia sp.;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_Ruminococcus faecis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_Ruminococcus bicirculans;x\_unknown;y\_unknown;z\_unknown k Bacteria;p Firmicutes;g Ruminococcus;s Ruminococcus bromii;x unknown;y unknown;z unknown

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_uncultured Ruminococcus sp.;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Ruthenibacterium;s\_Ruthenibacterium lactatiformans;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_Solobacterium;s\_uncultured Solobacterium sp.;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Subdoligranulum;s\_Subdoligranulum variabile;x\_unknown;y\_unknown;z\_Subdoligranulum variabile DSM 15176

k\_Bacteria;p\_Firmicutes;g\_Streptococcus;s\_Streptococcus thermophilus;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Subdoligranulum;s\_Subdoligranulum variabile;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Tyzzerella;s\_Tyzzerella nexilis;x\_unknown;y\_unknown;z\_Tyzzerella nexilis DSM 1787
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Clostridia bacterium UC5.1-1D4;x\_unknown;y\_unknown;z\_unknown
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Clostridia bacterium UC5.1-1E11;x\_unknown;y\_unknown;z\_unknown
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Clostridiaceae bacterium AM27-36LB;x\_unknown;y\_unknown;z\_unknown
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Clostridiaceae bacterium OM08-6BH;x\_unknown;y\_unknown;z\_unknown
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Clostridiales bacterium CCNA10;x\_unknown;y\_unknown;z\_unknown
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Clostridiales bacterium UBA1390;x\_unknown;y\_unknown;z\_unknown
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Clostridiales bacterium UBA4696;x\_unknown;y\_unknown;z\_unknown
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Clostridiales bacterium VE202-03;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_unknown;x\_unknown;y\_unknown;z\_57\_20
k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_unknown;x\_unknown;y\_unknown;z\_CAG:241
k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_unknown;x\_unknown;y\_unknown;z\_CAG:241\_62\_21

k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_unknown;x\_unknown;y\_unknown;z\_ER4

k\_Bacteria;p\_Firmicutes;g\_Neglecta;s\_Neglecta timonensis;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_Oscillibacter sp.;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Mediterraneibacter;s\_Mediterraneibacter butyricigenes;x\_unknown;y\_unknown;z\_unknown k\_Bacteria;p\_Firmicutes;g\_Mediterraneibacter;s\_Mediterraneibacter massiliensis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Megamonas;s\_Megamonas rupellensis;x\_unknown;y\_unknown;z\_Megamonas rupellensis DSM 19944

k\_Bacteria;p\_Firmicutes;g\_Pseudoruminoccoccus;s\_Pseudoruminoccoccus massiliensis;x\_unknown;y\_unknown;z\_unknown

k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_Roseburia hominis;x\_unknown;y\_unknown;z\_Roseburia hominis OB EAV1 11 DCM

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_Ruminococcus faecis;x\_unknown;y\_unknown;z\_Ruminococcus faecis JCM 15917

k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_Ruminococcus lactaris;x\_unknown;y\_unknown;z\_Ruminococcus lactaris CC59\_002D

k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_Roseburia intestinalis;x\_unknown;y\_unknown;z\_Roseburia intestinalis L1-82
k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_Roseburia inulinivorans;x\_unknown;y\_unknown;z\_Roseburia inulinivorans DSM 16841

k\_Bacteria;p\_Firmicutes;g\_Phascolarctobacterium;s\_Phascolarctobacterium faecium;x\_unknown;y\_unknown;z\_Phascolarctobacterium faecium DSM 14760

k\_Bacteria;p\_Firmicutes;g\_Pseudoflavonifractor;s\_Pseudoflavonifractor capillosus;x\_unknown;y\_unknown;z\_Pseudoflavonifractor capillosus ATCC 29799

k\_Bacteria;p\_Firmicutes;g\_Phascolarctobacterium;s\_Phascolarctobacterium succinatutens;x\_unknown;y\_unknown;z\_Phascolarctobacterium succinatutens YIT 12067