

Supplementary Table 4. Representation of ASV in fecal microbiomes

>ASV:1:Species:vulgatus
TACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCGTAGATGGATGTTTAAAGTCAGTTGTGAAAAGTTT
GCGGCTCAACCGTAAAATTGCAGTTGATACTGGATATCTTGAGTGCAGTTGAGGCAGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAAGCTCCGATTGCGAAGGCAGCCTGCTAAGCTGCAACTGACATTGAGGCTCGAAAAGTGTG
GGTAT

>ASV:2:Species:invisus
TACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGCGTAAAGCGCGCAGGCGGCTTCCCAAGTCCCTCTTAAAAGTGC
GGGGCTTAACCCCGTATGGGAAGGAACTGGGAAGCTGGAGTATCGGAGAGGAAAGTGAATTCTAGTGTAGCGGTGA
AATGCGTAGAGATTAGGAAGAACACCGGTGGCGAAGGCGACTTCTTGACGAAAAGTACGCTGAGGCGGAAAAGCGTGG
GGAG

>ASV:3:Species:cf./prausnitzii
AACGTAGGTCAACGCGTTGTCCGGAATTACTGGGTGTAAGGGAGCGCAGGCGGGAAGACAAGTTGGAAGTGAATCTA
TGGGCTCAACCCATAAACTGCTTTCAAAGTGTCTTCTTGAGTAGTGCAGAGGTAGCGGAATTCCTGGTGTAGCGGTG
GAATGCGTAGATATCGGGAGGAACACCACTGCGGCGAAGGCGGCTACTGGGCACCAACTGACGCTGAGGCTCGAAAAGTGTG
GGTAG

>ASV:4:Species:muciniphila
TACAGAGGTCTCAAGCGTTGTCCGGAATCACTGGGCGTAAAGCGTGCCTAGGCTGTTTCGTAAGTCTGTGTGAAAAGCGG
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AAATGCGTAGATATCGAGAGGAACACTGCTGGCGAAGGCGGGTCTTGACATTAAGTACGCTGAGGCACGAAGGCCAG
GGAG

>ASV:5:Genus:Agathobacter
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GGGGCTCAACCCCGGTACTGCATTGGAAGTGTCTGACTAGAGTGTGCGAGGGTAAGCGGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACCACTGCGGCGAAGGCGGCTACTGGACGATAACTGACGCTGAGGCTCGAAAAGCGTG
GGAG

>ASV:6:Species:dorei/vulgatus
TACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCGTAGATGGATGTTTAAAGTCAGTTGTGAAAAGTTT
GCGGCTCAACCGTAAAATTGCAGTTGATACTGGATGTCTTGAGTGCAGTTGAGGCAGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAAGCTCCGATTGCGAAGGCAGCCTGCTAAGCTGCAACTGACATTGAGGCTCGAAAAGTGTG
GGTAT

>ASV:7:Species:CM04-06
AACGTAGGTCAACGCGTTGTCCGGAATTACTGGGTGTAAGGGAGCGCAGGCGGGAGAACAAAGTTGGAAGTGAATCCA
TGGGCTCAACCCATGAAGTGTCTTTCAAAGTGTCTTCTTGAGTAGTGCAGAGGTAGCGGAATTCCTGGTGTAGCGGTG
GAATGCGTAGATATCGGGAGGAACACCACTGCGGCGAAGGCGGCTACTGGGCACCAACTGACGCTGAGGCTCGAAAAGTGTG
GGTAG

>ASV:8:Genus:Subdoligranulum
AACGTAGGGTCAAGCGTTGTCCGGAATTACTGGGTGTAAGGGAGCGCAGGCGGACCGGCAAGTTGGAAGTGAAGTGA
TGGGCTCAACCCATAAATTGCTTTCAAAGTGTCTGCGCTTGGTGTAGTGCAGAGGTAGGTGGAATTCCTGGTGTAGCGGTG
GAATGCGTAGATATCGGGAGGAACACCACTGCGGCGAAGGCGACTACTGGGCACCAACTGACGCTGAGGCTCGAAAAGCATG
GGTAG

>ASV:9:Species:dorei/stercoris
TACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCGTAGGCGGGTGTAAAGTCAAGTTGTGAAAAGTTT
GCGGCTCAACCGTAAAATTGCAGTTGATACTGGCGACTTGGTGTAGTGCAGAGGTAGGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAAGCTCCGATTGCGAAGGCAGCTTACTGGATTGTAAGTACGCTGATGCTCGAAAAGTGTG
GGTAT

>ASV:10:Genus:Subdoligranulum
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TGGGCTCAACCCATGAATTGCTTTCAAAGTGTCTTCTTGAGTAGTGCAGAGGTAGATGGAATTCCTGGTGTAGCGGTG
GAATGCGTAGATATCGGGAGGAACACCACTGCGGCGAAGGCGGCTACTGGGCACCAACTGACGCTGAGGCTCGAAAAGCATG
GGTAG

>ASV:11:Family:Lachnospiraceae
TACGTATGGTCAAGCGTTATCCGGATTTACTGGGTGTAAGGGAGCGTAGACGGATGGGCAAGTCTGATGTGAAAAGCCC
GGGGCTCAACCCCGGACTGCATTGGAAGTGTTCATCTAGAGTGTGGAGAGGTAGTGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACCACTGCGGCGAAGGCGGCTACTGGACAGTAAGTACGCTTGGGCTCGAAAAGCGTG
GGAG

>ASV:12:Species:breve/kashiwanohense/longum
TACGTAGGGTCAAGCGTTATCCGGAATTATTGGGCGTAAAGGGCTCGTAGGCGGTTCTGTCGCTCCGGTGTGAAAAGTCC
ATCGCTTAACCGTGGATCCGCGCCGGTACGGGCGGCTTGGTGTAGTGCAGAGGTAGGCGGAATTCCTGGTGTAGCGGTG
GAATGCTTAGATATCGGGAAGAACACCAATGGCGAAGGCAGTCTCTGGGCCGTTACTGACGCTGAGGAGCGAAAAGCGTG
GGAG

>ASV:13:Species:catenulatum/gallicum/kashiwanohense/pseudocatenulatum
TACGTAGGGTCAAGCGTTATCCGGAATTATTGGGCGTAAAGGGCTCGTAGGCGGTTCTGTCGCTCCGGTGTGAAAAGTCC
ATCGCTTAACCGTGGATCTGCGCCGGTACGGGCGGCTGGAGTGCAGTGGGAGACTGGAATTCCTGGTGTAGCGGTG
GAATGCTTAGATATCGGGAAGAACACCAATGGCGAAGGCAGTCTCTGGGCCGTTACTGACGCTGAGGAGCGAAAAGCGTG
GGAG

>ASV:14:Species:fingoldii/onderdonkii

TACGGAGGATTCAAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGCCTAGGCGGTTTGATAAGTTAGAGGTGAAATCCC
GGGGCTTAACTCCGGAAGTGCCTCTAATACTGTTAGACTAGAGAGTAGTTGCGGTAGGCGGAATGTATGGTGTAGCGGTG
AAATGCTTAGAGATCATACAGAACCACCGATTGCGAAGGCAGCTTACCAAATATATCTGACGTTGAGGCACGAAAGCGTG
GGGAG

>ASV:15:Species:fragilis/ovatus

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GCGGCTCAACCGTAAAATTGCAAGTTGAAACTGGCAGTCTTGAGTACAGTAGAGGTGGGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAAGTCCGATTGCGAAGGCAGCTCACTAGACTGTTACTGACACTGATGCTCGAAAGTGTG
GGTAT

>ASV:16:Species:copri

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GACGCTCAACGCTGCACTGCAAGCGCAACTGGTTTCTTGAGTACGCACAAAGTGGGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAAGTCCGATTGCGAAGGCAGCTCACTGGAGCGCAACTGACGCTGAAGCTCGAAAGTGGC
GGTAT

>ASV:17:Species:bicirculans

TACGTAGGGAGCGAGCGTTGTCGGGAATTACTGGGTGTAAAGGGAGCGTAGGCCGGGATCGCAAGTCAGATGTGAAACTA
TGGGCTTAAACCATAAACTGCATTTGAAACTGTGGTCTTGAGTGAAGTAGAGGTAGGCGGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACATCAGTGGCGAAGGCGGCTTACTGGGCTTAACTGACGCTGAGGCTCGAAAGCGTG
GGGAG

>ASV:18:Species:obeum/provencensis/wexlerae

TACGTAGGGGCAAGCGTTATCCGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTGTGGCAAGTCTGATGTGAAAGGCA
TGGGCTCAACCTGTGGACTGCATTGAAACTGTCATACTTGAGTGCCGGAGGGGTAGGCGGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACAGTGGCGAAGGCGGCTTACTGGACGTAACGACGTTGAGGCTCGAAAGCGTG
GGGAG

>ASV:19:Species:prausnitzii

AACGTAGGTCACAAGCGTTGTCGGGAATTACTGGGTGTAAAGGGAGCGCAGGCGGGAAGACAAGTTGGAAGTAAATCCA
TGGGCTCAACCATGAACTGCTTTCAAACCTGTTTTCTTGAGTAGTGCAGAGGTAGGCGGAATTCCTGGTGTAGCGGTG
GAATGCGTAGATATCCGGAGGAACACAGTGGCGAAGGCGGCTTACTGGGCACCAACTGACGCTGAGGCTCGAAAGTGTG
GGTAG

>ASV:20:Species:fragilis/ovatus/xylanisolvens

TACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCGTAGGTGGATTGTTAAGTCAGTTGTGAAAGTTT
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AAATGCTTAGATATCACGAAGAAGTCCGATTGCGAAGGCAGCTCACTAGACTGCAACTGACACTGATGCTCGAAAGTGTG
GGTAT

>ASV:21:Species:uniformis

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GGTAT

>ASV:22:Species:merdae

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GTGGCTCAACCGTAAAATTGCAAGTTGAAACTGGTGTCTTGAGTGTGTTGAGGTAGGCGGAATTCGTGGTGTAGCGGTG
AAATGCATAGATATCACGCAGAAGTCCGATTGCGAAGGCAGCTTACTAAACCATAACTGACACTGAAGCACGAAAGCGTG
GGGAT

>ASV:23:Species:dorei/fragilis

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GCGGCTCAACCGTAAAATTGCAAGTTGAAACTGGTGTCTTGAGTACAGTAGAGGTGGGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAAGTCCGATTGCGAAGGCAGCTCACTGGACTGCAACTGACACTGATGCTCGAAAGTGTG
GGTAT

>ASV:24:Species:faeichinchillae/faeicis/fingoldii/thetaiotaomicron

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GCGGCTCAACCGTAAAATTGCAAGTTGAAACTGGTGTCTTGAGTACAGTAGAGGTGGGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAAGTCCGATTGCGAAGGCAGCTCACTGGACTGCAACTGACACTGATGCTCGAAAGTGTG
GGTAT

>ASV:25:Genus:Ruminococcus_2

TACGTAGGGAGCAAGCGTTGTCGGATTTACTGGGTGTAAAGGGTGCCTAGGCCGCTTTCGAAGTCAGATGTGAAATCTA
TGGGCTCAACCGTAAAGTGCATTTGAAACTGCAGAGCTTGAGTGAAGTAGAGGCAGGCGGAATTCCTCGTGTAGCGGTG
AAATGCTTAGAGATGGGAGGAACACAGTGGCGAAGGCGGCTGCTGGGCTTAACTGACGCTGAGGCACGAAAGCGTG
GGTAG

>ASV:26:Species:fragilis/ovatus

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GCGGCTCAACCGTAAAATTGCAAGTTGAAACTGGCAGTCTTGAGTACAGTAGAGGTGGGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAAGTCCGATTGCGAAGGCAGCTCACTAGACTGCTCACTGACACTGATGCTCGAAAGTGTG
GGTAT

>ASV:27:Species:putredinis

TACGGAGGATTCAAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGCCTAGGCGGTTTGATAAGTTAGAGGTGAAATTTCC
GGGCTCAACCGTAAAGTGCCTCTAATACTGTTGAGCTAGAGAGTAGTTGCGGTAGGCGGAATGTATGGTGTAGCGGTG
AAATGCTTAGAGATCATACAGAACCACCGATTGCGAAGGCAGCTTACCAAATATATCTGACGTTGAGGCACGAAAGCGTG

GGGAG
>ASV:28:Genus:Escherichia/Shigella
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AATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCTGGACGAAGACTGACGCTCAGGTGCGAAAGCGTG
GGGAG
>ASV:29:Species:adolescentis/faecale/longum/stercoris
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ATCGCTTAACCGTGGATCCGCGCCGGGTACGGGCGGGCTTGAGTGCAGTGGGGAGACTGGAATTCAGGTGTAAAGCGTG
GAATGTGTAGATATCGGAAGAACACCAATGGCGAAGGCAGGTCTCTGGGCCGTCACTGACGCTGAGGAGCGAAAGCGTG
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>ASV:30:Species:excrementihominis
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CGAGCTTAACCTCGGGAATGGCATATGTGACTGCTCGACTAGAGTGTGTGAGGGAGGTGGAATTCACGCTGTAGCAGTG
AATGCGTAGATATGTGGAAGAACACCGATGGCGAAGGCAGCTCTGGGACATAACTGACGCTCAGGCACGAAAGCGTG
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>ASV:31:Family:Lachnospiraceae
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GGGGCTCAACCCCGGACTGCATTTGAACTGTGAGGCTAGAGTGTGCGGAGAGGAAAGCGGAATTCCTAGTGTAGCGGTG
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTCTGGACGATGACTGACGTTGAGGCTCGAAAGCGTG
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>ASV:32:Species:massiliensis
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GGGGCTTAACCCCGTGGAGGGACCGAACTGTGAAGCTCGAGTGTGCGGAGAGGAAAGCGGAATTCCTAGTGTAGCGGTGA
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTCTGGACGACAAGTACGCTGAGGCGCGAAAGCCAG
GGAGC
>ASV:33:Species:caccae
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>ASV:34:Species:inulinivorans
TACGTATGGTGC AAGCGTTATCCGGAATTACTGGGTGTAAGGGAGCGCAGGCGGAAGGCTAAGTCTGATGTGAAAGCCC
GGGGCTCAACCCCGTACTGCATTGAAACTGGTCACTAGAGTGTGCGGAGGGGTAAGTGGAAATTCCTAGTGTAGCGGTG
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>ASV:35:Genus:Ruminococcaceae_UCG-002
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CGGGCTCAACTCGTGAAGTGCATTTGAACTACTCTTCTTGAGTATCGGAGAGGCAATCGGAATTCCTAGTGTAGCGGTG
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGATTGCTGGACGACAAGTACGCTGAGGCGCGAAAGCGTG
GGGAG
>ASV:36:Species:bromii
TACGTAGGGAGC AAGCGTTGTCCGATTTACTGGGTGTAAGGGTGCAGTGGCGGCTTTCAGTCAAGTCAGATGTGAAATCTA
TGGGCTCAACCCATAAACTGCATTTGAACTGTAGAGCTTGAGTGAAGTAGAGGCAGGCGGAATTCAGTGTAGCGGTG
AATGCGTAGAGATGGGGAGGAACACCAAGTGGCGAAGGCGGCTGCTGGGCTTAACTGACGCTGAGGCACGAAAGCGTG
GGTAG
>ASV:37:Species:massiliensis
TACGGAGGATCCG AAGCGTTATCCGATTTATTGGGTTAAAGGGAGCGTAGATGGGTTGTTAAGTCAGTTGTGAAAGTTT
GCGGCTCAACCGTAAAATTGCAATTGATACTGGCAGTCTTGAGTACAGTTGAGGTAGGCGGAATTCGTGGTGTAGCGGTG
AATGCTTAGATATCACGAAGAACTCCGATTGCGAAGGCAGCTTACTAACCTGTAAGTACGCTGATGCTCGAAAGTGTG
GGTAT
>ASV:38:Species:longicatena
TACGTAGGGGCA AAGCGTTATCCGATTTACTGGGTGTAAGGGAGCGTAGACGGCACGGCAAGCCAGATGTGAAAGCCC
GGGGCTCAACCCCGGACTGCATTTGAACTGCTGAGCTAGAGTGTGCGGAGAGGCAAGTGGAAATTCCTAGTGTAGCGGTG
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTCTGGACGATGACTGACGTTGAGGCTCGAAAGCGTG
GGGAG
>ASV:39:Species:bacterium
TACGTAGGTGGC AAGCGTTGTCCGATTTACTGGGTGTAAGGGCGTGCAGCCGGTCTGCAAGTCAGATGTGAAATCCA
TGGGCTCAACCCATGAAGTGCATTTGAACTGTAGATCTTGAGTGTGCGGAGGGGCAATCGGAATTCCTAGTGTAGCGGTG
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GGGAG
>ASV:40:Genus:UBA1819
AACGTAGGGTGC AAGCGTTGTCCGGAATTACTGGGTGTAAGGGAGCGCAGGCGGATTGGCAAGTTGGGAGTGAATCTA
TGGGCTCAACCCATAAATTGCTTTCAAAGTGTGAGTCTTGAGTGGTGTAGAGGTAGGCGGAATTCAGGTGTAGCGGTG
GAATGCGTAGATATCGGGAGGAACACCAAGTGGCGAAGGCGGCTTACTGGGCACTAACTGACGCTGAGGCTCGAAAGCATG
GGTAG
>ASV:41:Species:hadrus
TACGTAGGGGCA AAGCGTTATCCGGAATTACTGGGTGTAAGGGTGCAGTGGTGTGGCAAGTCAGAAGTGAAGCC

AGGGCTTAACTCTGGGACTGCTTTTGAAACTGTCAGACTGGAGTGCAGGAGAGGTAAGCGGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACATCAGTGGCGAAGGCGGCTTACTGGACTGAAACTGACACTGAGGCACGAAAGCGTG
GGGAG

>ASV:42:Species:mitsuokai

TACGTAGGTGGCGAGCGTTATCCGGAATCATTGGGCGTAAAGAGGGAGCAGGCGGCCGCAAGGGTCTGTGGTAAAAGACC
GAAGCTAAACTTCGGTAAGCCATGAAACCGGGCGGCTAGAGTGCAGGAGAGGATCGTGGAATTCATGTGTAGCGGTGA
AATGCGTAGATATATGGAGGAACACCACTGAGGCGAAGGCGACGGTCTGGGCGCAACTGACGCTCATTCCGAAAGCGTGG
GGAGC

>ASV:43:Species:ovatus

TACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCGTAGGTGGATTGTTAAGTCAGTTGTGAAAAGTTT
GCGGCTCAACCGTAAAATTGCAGTTGAAACTGGGAGTCTTGAGTACAGTAGAGGTGGGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAACCAGTTGCGAAGGCAGCTACTAGACTGCTACTGACACTGATGCTCGAAAGTGTG
GGTAT

>ASV:44:Species:fingoldii

TACGGAGGATCAAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGCAGTAGGCGGTTTGATAAGTTAGAGGTGAAATACC
GGGGCTCAACTCCGGAAGTGCCTTAATACTGTTGAACTAGAGAGTAGTTGCGGTAGGCGGAATGTATGGTGTAGCGGTG
AAATGCTTAGAGATCATAAGAACACCCAGTTGCGAAGGCAGCTTACCAACTATATCTGACGTTGAGGCACGAAAGCGTG
GGGAG

>ASV:45:Genus:Streptococcus

TACGTAGGTCCGAGCGTTGTCCGGATTTATTGGGCGTAAAGCGAGCGCAGGCGGTTTGATAAGTCTGAAGTTAAAGGCT
GTGGCTCAACCATAGTTCGCTTTGAAACTGTCAAACCTTGAAGTGCAGGAGGGGAGAGTGGAATTCATGTGTAGCGGTGA
AATGCGTAGATATATGGAGGAACACCCGGTGGCGAAGGCGGCTCTCTGGTCTGTAAGTACGCTGAGGCTCGAAAGCGTGG
GGAGC

>ASV:46:Species:uniformis

TACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCGTAGGCGGACGCTTAAAGTCAAGTTGAAAAGTTT
GCGGCTCAACCGTAAAATTGCAGTTGATACTGGGTGTCTTGAGTACAGTAGAGGCAGGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAACCAGTTGCGAAGGCAGCTGCTGGACTGTAAGTACGCTGATGCTCGAAAGTGTG
GGTAT

>ASV:47:Species:aerofaciens

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GGGGCTCAACCCCGAAGCCCGGAACCTCCGCGGCTTGGGTCCGGTAGGGGAGGGTGGAACACCCGGTGTAGCGGTG
GAATGCGCAGATATCGGGTGAACACCCGGTGGCGAAGGCGGCCCTCTGGGCCGAGACGACGCTGAGGCGCGAAAGCTGG
GGGAG

>ASV:48:Species:massiliensis

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GGGGCTCAACCCCGGACTGCATTGAAAAGTCCCGTCTTGAGTGCCGGAGAGGTAAGCGGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACCACTGAGGCGAAGGCGGCTTACTGGACGGTAACTGACGTTGAGGCTCGAAAGCGTG
GGGAG

>ASV:49:Genus:Erysipelotrichaceae_UCG-003

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AATGCGTAGATATATGGAGGAACACCACTGAGGCGAAGGCGGCTTACTGGACGGTAACTGACGTTGAGGCTCGAAAGCGTG
GGAGC

>ASV:50:Genus:Faecalibacterium

AACGTAGGTACAAGCGTTGTCCGGAATTTACTGGGTGTAAAGGGAGCGCAGGCGGGCGATCAAGTTGGAAGTAAAATCCA
TGGGCTCAACCCATGAAGTGTCTTCAAACCTGGTGTCTTGAGTAGTGCAGAGGTAAGCGGGAATTCGCGGTGTAGCGGTG
GAATGCGTAGATATCGGGAGGAACACCACTGAGGCGAAGGCGGCTTACTGGGCACCAACTGACGCTGAGGCTCGAAAGTGTG
GGTAG

>ASV:51:Genus:Christensenellaceae_R-7_group

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AAATGCGTAGAGATTGGGAGGAACACCACTGAGGCGAAGGCGGCTTACTGGACGATTACTGACGCTGAGGCGCGAAAGTGTG
GGGAG

>ASV:52:Species:intestinalis

TACGTATGGTGAAGCGTTATCCGGATTTACTGGGTGTAAAGGGAGCGCAGGCGGTACGGCAAGTCTGATGTGAAAAGCCC
GGGGCTCAACCCGGTACTGCATTGAAAAGTGTCCGACTAGAGTGTCCGAGGGGTAAGTGGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACCACTGAGGCGAAGGCGGCTTACTGGACGATTACTGACGCTGAGGCTCGAAAGCGTG
GGGAG

>ASV:53:Species:intestini

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AATGCGTAGATATTGGGAGGAACACCACTGAGGCGAAGGCGGCTTTCTGGACTGTGTCTGACGCTGAGATGCGAAAGCCAGG
GTAGC

>ASV:54:Genus:Oscillibacter

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AAATGCGTAGATATAAGGAAGAACACCACTGAGGCGAAGGCGGATAACTGGACGGCAACTGACGTTGAGGCGCGAAAGCGTG
GGGAG

>ASV:55:Genus:Ruminococcaceae_NK4A214_group
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AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGTCAACTGGACGATAACTGACGCTGAGGCGCAAAGCGTG
GGGAG

>ASV:56:Species:influenzae/parainfluenzae
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AAATGCGTAGAGATGTGGAGGAATACCGAAGGCGAAGGCGAGCCCTTGGGAATGTAAGTGTGACGCTCATGTGCGAAAGCGTG
GGGAG

>ASV:57:Genus:Ruminococcaceae_UCG-002
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AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGATTGCTGGACGACAAGTACGCTGAGGCGCAAAGCGTG
GGGAG

>ASV:58:Species:ilealis/timonensis
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ACGGCTCAACCGTAGTAAGCCTTTGAAACTGGGAAACTTGTAGTGCAGGAGAGGAGTGAATTCCTAGTGTAGCGGTG
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTCTCTGGACTGTAAGTACACTGAGGCGCAAAGCGTG
GGAGC

>ASV:59:Species:saccharivorans
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>ASV:61:Species:pectinoschiza
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>ASV:62:Species:eggerthii
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>ASV:63:Genus:Agathobacter
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>ASV:66:Genus:Prevotella_9
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>ASV:68:Family:Ruminococcaceae
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>ASV:83:Species:hadrus
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>ASV:84:Genus:Dialister
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>ASV:85:Species:ramosum
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>ASV:87:Genus:Paraprevotella
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>ASV:110:Family:Lachnospiraceae

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>ASV:112:Order: Mollicutes_RF39

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>ASV:114:Genus:Ruminococcaceae_UCG-003

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>ASV:115:Family:Muribaculaceae

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>ASV:116:Genus:Roseburia

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>ASV:117:Species:intestinalis

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GGTAT

>ASV:118:Species:stercoris

TACGGAGGATTCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCGTAGGCGGTTGTTAAGTCAGTTGTGAAAGTTT
GCGGCTCAACCCCGGACTGCATTGGAAACTGTCTGACTTGGAGTGCAGCAGAGGTAGGCGGAATTCGTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAACCCTGATTGCGAAGGCAGCTTACTGGATTGTAACGACGCTGATGCTCGAAAGTGTG
GGTAT

>ASV:119:Species:atypica/dispar

TACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGCGTAAAGCGCGCAGGCGGATTGGTCAGTCTGTCTTAAAAGTTT
GGGGCTTAACCCCGTATGGGATGGAAACTGCCAATCTAGAGTATCGGAGAGGAAAGTGGAAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAAGAACCACCAAGTGGCGAAGGCGACTTCTGACGAAACTGACGCTGAGGCGGAAAGCCAGG
GGAGC

>ASV:120:Species:nexilis

TACGTATGGTGAAGCGTTATCCGGATTTACTGGGTGTAAGGGAGCGTAGACGTTGTGTAAGTCTGATGTGAAAGCCC
GGGGCTCAACCCCGGACTGCATTGGAAACTATGTAAC TAGAGTGTGCGGAGAGGTAAGCGGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTACTGGACGATCACTGACGTTGAGGCTCGAAAGCGTG
GGGAG

>ASV:121:Species:garvieae/lactis/taiwanensis

TACGTAGGTCCGAGCGTTGTCCGGATTTATTGGGCGTAAAGCGAGCGCAGGTGGTTTATTAAGTCTGGTGTAAAAGGCA
GTGGCTCAACCATTTGATGCATTGGAAACTGGTAGACTTGGAGTGCAGGAGAGGAGAGTGGAAATTCATGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACCGGTGGCGAAGGCGGCTCTCTGGCCTGTAACGACACTGAGGCTCGAAAGCGTG
GGAGC

>ASV:122:Species:celatum/disporicum/saudiense

TACGTAGGTGGCGAGCGTTGTCCGGATTTACTGGGCGTAAAGGGAGCGTAGGCGGACTTTTAAAGTGAAGTGTGAAATACC
CGGGCTCAACCTGGGTGCTGCATTTCAAAGTCTAGAGTGCAGGAGAGGAGAATGGAATTCCTAGTGTAGCGGTG
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GGGAG

>ASV:123:Genus:Prevotella_7

TACGGAAGGTCCGGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCGCAGGCCGCCGGCAAGCGTGTGTGAAATGCA
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AAATGCTTAGATATGGCGAAGAACCAGTTCGCAAGGCAGCTGACGGGTGCGTAACTGACGCTCATGCTCGAAAGTGCG
GGTAT

>ASV:124:Genus:Blautia

TACGTAGGGGGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGAGCGTAGACGGAGCAGCAAGTCTGATGTGAAAACCC
GGGGCTCAACCCCGGACTGCATTGGAACTGTTGATCTGGAGTGCAGGAGAGGTAAGCGGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGGTAACTGACGTTGAGGCTCGAAAGCGTG
GGGAG

>ASV:125:Genus:Subdoligranulum

AACGTAGGGTGCAAGCGTTGTCCGGAATTACTGGGTGTAAGGGAGCGCAGGCGGACCAGGCAAGTTGGAAGTAAATCCA
TGGGCTCAACCCCGTGAATTGCTTTCAAACCTGCTGGCCTTGAAGTGTGACAGGAGGTAAGTGGAAATTCGCCGTGTAGCGGTG
GAATGCGTAGATATCGGAGGAACACCAGTGGCGAAGGCGACTACTGGCACCAACTGACGCTGAGGCTCGAAAGCATG
GGTAG

>ASV:126:Species:hominis

TACGTATGGTGAAGCGTTATCCGGATTTACTGGGTGTAAGGGAGCGCAGGCGGTACGGCAAGTCTGATGTGAAATCCC
GGGGCTCAACCCCGTACTGCATTGGAACTGTCGGACTAGAGTGTGCGAGGGGTAAGTGGAAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGATTACTGACGCTGAGGCTCGAAAGCGTG
GGGAG

>ASV:127:Family:Lachnospiraceae

TACGTAGGGGGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGTGCCTAGGTGGCAAGGCAAGTCAAGTGTGAAAGGCC
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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACTGTAACGACACTGAGGCACGAAAGCGTG
GGGAG

>ASV:128:Genus:Tyzzerella

TACGTAGGGGGCAAGCGTTATCCGGAATTACTGGGTGTAAGGGAGCGTAGGCGCATGGTAAGCCAGATGTGAAAGCCT
TGGGCTTAACCCGAGGATTGCATTTGAACTATCAAGCTAGAGTACAGGAGAGGAAAGCGGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAAGAACACCAGTGGCGAAGGCGGCTTCTGGACTGAAACTGACGCTGAGGCTCGAAAGCGTG
GGGAG

>ASV:129:Species:dispar/parvula

TACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGCTAAAGCGCGCAGGCGGATAGGTCAGTCTGTCTTAAAGTTCC
GGGGCTTAACCCCGTATGGGATGGAACTGCCAATCTAGAGTATCGGAGAGGAAAGTGGAAATTCCTAGTGTAGCGGTGA
AATGCGTAGATATTAGGAAGAACACCAGTGGCGAAGGCGACTTCTGGACGAAAACCTGACGCTGAGGCGCGAAAGCCAGG
GGAGC

>ASV:130:Species:normanense/ruptense

TACGAGGGTGCAAGCGTTATCCGGATTTATTGGGTTTAAAGGGTCCGTAGGCGGACTTATAAGTCAAGTGGTGAAGCCT
GTCGCTTAACGATAGAAGTCCATTGATACTGTAAGTCTTGAAGTATTTGAGGTAGCTGGAATAAGTGTAGCGGTG
AAATGCGTAGATATTACTTAGAACCAATTCGCAAGGCAGGTTACCAAGATATAACTGACGCTGAGGGACGAAAGCGTG
GGGAG

>ASV:131:Species:maltophilia/rhizophila

TACGAAGGGTGCAAGCGTTACTCGGAATTACTGGGCGTAAAGCGTGCCTAGGTGGTTGTTAAGTCTGTTGTGAAAGCCC
TGGGCTCAACCTGGGAATTGCAGTGGATACTGGGCGACTAGAGTGTGGTAGAGGTTAGTGGAAATTCGCCGTGTAGCAGTG
AAATGCGTAGAGATCGGAGGAACATCCATGGCGAAGGCAGCTACCTGGACCAACACTGACACTGAGGCACGAAAGCGTG
GGGAG

>ASV:132:Species:plebeius

TACGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCGCAGCGGTCGTTAAGTCAAGTGTGAAAGTTT
GGGGCTCAACCTTAAATTTGAGTTGATACTGGCGTCTTGAAGTGTGCGGAAATTCGTTGGTGTAGCGGTG
AAATGCTTAGATATACGAAGAACCAGTTCGCAAGGCAGCACACTAATCCGTAACCTGACGTTTATGCTCGAAAGTGTG
GGTAT

>ASV:133:Species:obesi

TACGAGGATCAAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGCCTAGGCGGTTTAGTAAGTCAAGCGGTGAAATTTT
GGTGCTTAACACCAACGTCGCTGATACTGCTGGCTAGAGAGTAGTTGCGGTAGCGGAAATGTATGGTGTAGCGGTG
AAATGCTTAGAGATACAGAAACACCAGTTCGCAAGGCAGCTTACCAAACTATATCTGACGTTGAGGCACGAAAGCGTG
GGGAG

>ASV:134:Family:Lachnospiraceae

TACGTATGGAGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGTGCCTAGGTGGCAGTCAAGTCAAGTGTGAAAGGCC
GGGGCTCAACCCCGGAGCTGCATTTGAACTGCATAGCTAGAGTACAGGAGAGGCGAGCGGAAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTGCTGGACTGTTACTGACACTGAGGCACGAAAGCGTG
GGGAG

>ASV:135:Genus:Ruminiclostridium_5

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TGGGCTTAACCCATGAAGTGTCTTTGAACTGTTAGTCTTGAAGTGAAGTGAAGGTAGGCGGAAATTCGCCGTGTAGCGGTG
AAATGCGTAGAGATCGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGGCTTAACTGACGCTGAGGCACGAAAGTGTG
GGTAG

>ASV:136:Family:Ruminococcaceae

TACGTAGGTGGCAAGCGTTGTCCGGAATTACTGGGTGTAAGGGAGCGTAGGCGGGCAGGCAAGTCAAGCGTGAATATA

TCGGCTCAACCGGTAACGGCGCTTGAACCTGCAGGTCTTGAGTGAAGTAGAGGTTGGCGGAATTCCTAGTGTAGCGGTGA
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCCAACTGGGCTTTACTGACGCTGAGGCTCGAAAGTGTG
GGAG

>ASV:137:Family:Ruminococcaceae

TACGTAGGATGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGAGCGCAGGCGGGACTGCAAGTTGGATGTGAAATACC
GTGGCTTAACCACGGAAGTGCATCCAAAAGTGTAGTCTTGAGTGAAGTAGAGGCAAGCGGAATTCAGTGTAGCGGTG
AATGCGTAGATATTGCGAGGAACACCAAGTGGCGAAGGCGGCTTGTCTGGCTTTAACTGACGCTGAGGCTCGAAAGTGTG
GGAG

>ASV:138:Species:equinus/gallolyticus/infantarius/lutetiensis/salivarius

TACGTAGGTCGCCGAGCGTTGTCCGGATTTATTGGGCGTAAAGCGAGCGCAGGCGGTTAATAAGTCTGAAGTTAAAGGCA
GTGGCTTAACCATTGTTTCGCTTTGAAAAGTGTAGACTTGTAGTGCAGAAAGGGAGAGTGAATTCATGTGTAGCGGTGA
AATGCGTAGATATTGAGGAACACCGGTGGCGAAGGCGGCTCTCTGGTCTGTAAGTACGCTGAGGCTCGAAAGCGGTG
GGAG

>ASV:139:Species:intestinalis

TACGGAGGATCAAGCGTTATCCGGATTTATTGGGTTAAAGGGAGCGTAGGCGGATTATTAAGTCAAGTTGTAAAAGTTT
GCGGCTCAACCGTAAAATTGCAAGTGTACTGGTAGTCTTGAGTGCAGCAGAGGTAGGCGGAATTCGTGGTGTAGCGGTG
AATGCTTAGATATCACGAAGAAGTCCGATTGCGAAGGCGAGTACTGGACTGTAAGTACGCTGATGCTCGAAAGTGTG
GGTAT

>ASV:140:Species:australis/mitis/oralis/parasanguinis/rubneri/sanguinis

TACGTAGGTCGCCGAGCGTTATCCGGATTTATTGGGCGTAAAGCGAGCGCAGGCGGTTAGATAAGTCTGAAGTTAAAGGCT
GTGGCTTAACCATTAGTACGCTTTGAAAAGTGTAACTTGTAGTGCAGAAAGGGAGAGTGAATTCATGTGTAGCGGTGA
AATGCGTAGATATTGAGGAACACCGGTGGCGAAGGCGGCTCTCTGGTCTGTAAGTACGCTGAGGCTCGAAAGCGGTG
GGAG

>ASV:141:Species:plebeius

TACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTAAAGGGAGCGCAGGCGGTCGTTAAGTCAAGTGTAAAAGTTT
GGGGCTCAACCTTAAAATTGCAAGTGTACTGGCGTCTTGAGTGCAGGTTGAGGTGTGCGGAATTCGTGGTGTAGCGGTG
AATGCTTAGATATCACGAAGAAGTCCGATTGCGAAGGCGAGCACACTAAGCCGTAAGTACGCTTATGCTCGAAAGTGTG
GGTAT

>ASV:142:Genus:Lachnospiraceae_NK4A136_group

TACGTAGGGGGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGAGCGTAGACGGTTTTGCAAGTCTGAAGTAAAAGGCC
GGGGCTTAACCCCGGACTGCTTTGAAAAGTGTAGGACTAGAGTGCAGGAGAGGTAAGTGAATTCCTAGTGTAGCGGTG
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTACTGGACTGTAAGTACGCTTGAAGGCTCGAAAGCGTG
GGAG

>ASV:143:Genus:Lachnoclostridium

TACGTAGGGGGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGAGCGTAGACGGCGGAGCAAGTCTGAAGTAAAAGGCC
GGGGCTCAACCCCGGACTGCTTTGAAAAGTGTCTGCTAGAGTGTGGAGAGGTAAGTGAATTCCTAGTGTAGCGGTG
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTACTGGACAGTAAGTACGCTTGAAGGCTCGAAAGCGTG
GGAG

>ASV:144:Genus:Alistipes

TACGGAGGATCAAGCGTTATCCGGATTTATTGGGTTAAAGGGTGCAGTAGGCGGTTTTATAAGTTAGAGGTTAAATATC
GGAGCTTAACTCCGTTATGCCTTAATACTGTAGGACTAGAGAATAGTTGCGGTAGGCGGAATGTATGGTGTAGCGGTGA
AATGCTTAGATATACAGAAACACCAAGTGGCGAAGGCGAGCTTACCAAAGTACTGACTGACGTTGAGGCTCGAAAGCGTG
GGAG

>ASV:145:Species:fingoldii

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GCGGCTCAACCGTAAAATTGCAAGTGTACTGGCAGTCTTGAGTACAGTAGAGGTGGGCGGAATTCGTGGTGTAGCGGTG
AATGCTTAGATATCACGAAGAAGTCCGATTGCGAAGGCGAGTCACTGGACTGCAAGTACGCTGATGCTCGAAAGTGTG
GGTAT

>ASV:146:Family:Ruminococcaceae

TACGTAGGTCGCCAAGCGTTGTCCGGATTTACTGGGTGTAAGGGCGCGTAGGCGGGATGGCAAGTCAAGTGTGAAATCCA
TGGGCTCAACCATGAAGTGCATTTGAAAAGTGTCTGTTCTTGAGTATCGGAGAGGCAAGCGGAATTCCTAGTGTAGCGGTG
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTGTCTGGACGACAAGTACGCTGAGGCGCGAAAGCGTG
GGAG

>ASV:147:Family:Lachnospiraceae

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GGGGCTCAACCCCGGACTGCATTGAAAAGTGTCAATCTAGAGTACCGGAGGGTAAGTGAATTCCTAGTGTAGCGGTG
AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTACTGGACGTTAAGTACGCTTGAAGGCTCGAAAGCGTG
GGAG

>ASV:148:Genus:Butyricicoccus

TACGTAGGGAGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGCGCGCAGGCGGGCCGTTAAGTTGGAAGTGAATCTA
TGGGCTTAACCATAAAGTGCCTTTCAAAGTGTCTGTTCTTGAGTGTAGGAGGCGAGGCGGAATTCCTAGTGTAGCGGTG
AATGCGTAGATATACGAGGAACACCAAGTGGCGAAGGCGGCTTGTCTGGACATTAAGTACGCTGAGGCGCGAAAGCGTG
GGAG

>ASV:149:Genus:Desulfobivrio

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AATCCGTAGATATCTGGAAGAAGTCAAGTGGCGAAGGCGGCTGCTGGACATTAAGTACGCTGAGGCGCGAAAGCGTG
GGTAG

>ASV:150:Genus:Faecalitalea
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ACAGCTCAACTGTTGTATGCTTTGGAACTGTCGAGCTAGAGTGCAGAAGAGGGCGATGGAATTCATGTGTAGCGGTAA
AATGCGTAGATATATGGAGGAACACCAGTGGCGAAGGCGGCTGCCTGGTCTGTAACCTGACACTGATGCACGAAAGCGTGG
GGAGC

>ASV:151:Family:Ruminococcaceae
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AAATGCGTAGATATTCGGAGGAACACCAGTGGCGAAGGCGGCCAACTGGGCTTAACTGACGCTGAGGCTCGAAAGTGTG
GGGAG

>ASV:152:Genus:Methanobrevibacter
CACCGGCAGCTCTAGTGGTAGCAGTTTTATTGGGCTAAAGCGTCCGTAGCCGGTTTAAATAAGTCTCTGGTGAATCCT
GCAGCTTAACTGTGGGAATTGCTGGAGATACTATTAGACTTGAATCGGGAGAGGTTAGAGGTTACTCCAGGGTAGAGGT
GAAATCTGTAACTCTGGGAGGACCGCTGTTGCGAAGGCGTCTGACTGGAACGATTCTGACGGTGAGGACGAAAGCTA
GGGGC

>ASV:153:Species:eggerthii
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GCGGCTCAACCGTAAATTCAGTTGATACTGGGTACTTTGAGTGCAGCATAGGTAGGCGGAATTCGTGGTGTAGCGGTG
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GGTAT

>ASV:154:Genus:Family_XIII_AD3011_group
TACGTAGGGGGCGAGCGTTATCCGGAATTTATTGGGCGTAAAGAGTGCCTAGGTGGTAACTTAAAGCGGGGTTTAAAGGCA
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AATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTTCTGGACTGAACTGACACTGAGGCACGAAAGTGTGG
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>ASV:155:Genus:Ruminococcaceae_UCG-014
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GGGAG

>ASV:156:Genus:Barnesiella
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AAATGCATAGATATCACGCAGAACCCGATTGCGAAGGCAGCTGCTAGGGTAAACAGACGCTGAGGCACGAAAGCGTG
GGTAT

>ASV:157:Genus:Ruminococcaceae_UCG-014
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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGACTTTCTGGACAATAACTGACGTTGAGGCACGAAAGTGTG
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>ASV:158:Genus:Christensenellaceae_R-7_group
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>ASV:159:Genus:Rikenellaceae_RC9_gut_group
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GGGAT

>ASV:160:Species:ulcerans
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GTAGC

>ASV:161:Genus:Intestinimonas
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>ASV:162:Species:caecimuris
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GGGAG

>ASV:163:Genus:Lachnospiraceae_UCG-010
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GGGA
>ASV:164:Species:splanchnicus
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GTAGC
>ASV:165:Family:Lachnospiraceae
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>ASV:166:Genus:Bacteroides
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>ASV:167:Genus:Anaerotruncus
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GGAGC
>ASV:168:Genus:Lachnoclostridium
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>ASV:169:Genus:Ruminococcaceae_UCG-002
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GGAG
>ASV:170:Genus:Lachnospiraceae_NK4A136_group
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>ASV:173:Genus:Lachnospiraceae_NK4A136_group
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>ASV:174:Genus:Bacteroides
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>ASV:175:Genus:Alloprevotella
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AAATGCTCAGATATCATGAAGAACTCCGATCGCGAAGGCAGGTATCCGGGTGCAACTGACGCTGAGGCTCGAAAGTGGC
GGTAT
>ASV:176:Species:vulgatus
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>ASV:177:Family:Lachnospiraceae

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lurida/mandelii/marginalis/meridiana/paralactis/poae/proteolytica/putida/reactans/salomonii/
simiae/syncyanea/synxantha/tolaasii/trivialis/veronii
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>ASV:191:Species:baumannii/beijerinckii/bereziniae/calcoaceticus/courvalinii/gerneri/
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proteolyticus/vivianii

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>ASV:192:Genus:Paraprevotella

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>ASV:193:Species:acidifaciens

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>ASV:194:Family:Burkholderiaceae

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>ASV:195:Genus:Prevotella_2

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>ASV:196:Genus:Prevotella_9

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>ASV:197:Genus:Ruminococcaceae_NK4A214_group

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>ASV:198:Genus:Lachnospira

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>ASV:199:Genus:Lachnoclostridium

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>ASV:200:Family:Lachnospiraceae

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>ASV:201:Genus:Lachnospiraceae_UCG-004

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>ASV:202:Genus:Lachnospira

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>ASV:203:Species:hathewayi

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>ASV:217:Family:Ruminococcaceae
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>ASV:224:Genus:Solobacterium
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>ASV:225:Genus:Fusobacterium
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>ASV:230:Genus:Blautia
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>ASV:236:Species:callidus
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>ASV:245:Family:Lachnospiraceae

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>ASV:246:Species:catus

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>ASV:247:Genus:Ruminiclostridium_5

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>ASV:248:Family:Coriobacteriales_Incertae_Sedis

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>ASV:249:Genus:Faecalitalea

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>ASV:250:Genus:Ruminococcaceae_UCG-002

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>ASV:251:Genus:Ruminococcaceae_NK4A214_group

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>ASV:252:Genus:Christensenellaceae_R-7_group

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>ASV:253:Genus:Barnesiella

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>ASV:254:Family:Lachnospiraceae

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>ASV:255:Species:parvula/rogosae/tobetsuensis

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>ASV:256:Genus:Prevotella_9

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GGTAT

>ASV:257:Family:Muribaculaceae

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GGATC

>ASV:258:Species:johnsonii

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>ASV:259:Genus:Lachnoclostridium

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>ASV:260:Genus:Prevotella_9

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>ASV:261:Genus:Ruminococcaceae_UCG-014

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>ASV:262:Species:histaminiformans

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>ASV:263:Genus:Paraprevotella

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AATGCTTAGATATCACGAAGAACCAGTCCGATCGGAAGGCATTGTGCCGGGCATAACTGACGCTGAGGCTCGAAAGTGGC
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>ASV:264:Species:defluvii/temperans

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>ASV:265:Genus:Barnesiella

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>ASV:266:Genus:Ruminiclostridium_5

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>ASV:267:Species:gracilis

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>ASV:268:Genus:Lachnospira

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>ASV:269:Species:virosa

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>ASV:270:Genus:Bacteroides

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>ASV:271:Genus:Ruminococcus_2

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>ASV:274:Genus:Oscillibacter
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>ASV:285:Family:Lachnospiraceae
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>ASV:286:Genus:Alloprevotella
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AAATGCTCAGATATCATGAAGAACTCCAATCGCAAGGACAGGTATCCGGGGTCAACTGACGCTGAGGCTCGAAAGTGCG
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>ASV:287:Genus:Citrobacter
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>ASV:288:Genus:Fournierella
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>ASV:289:Genus:Lachnospiraceae_UCG-004
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>ASV:290:Genus:Bacteroides
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>ASV:291:Species:massiliensis
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>ASV:292:Genus:Ruminococcaceae_UCG-004
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GGGAG

>ASV:293:Species:senegalensis/timonensis
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>ASV:295:Genus:Ruminococcus_1
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>ASV:296:Genus:Prevotella_7
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>ASV:297:Species:cecorum
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>ASV:311:Genus:Alistipes
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>ASV:313:Species:ruminis

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>ASV:314:Species:inops

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>ASV:315:Genus:Terrisporobacter

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>ASV:316:Genus:Oscillibacter

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>ASV:317:Genus:Ruminococcaceae_UCG-014

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>ASV:318:Family:Lachnospiraceae

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>ASV:319:Genus:Family_XIII_UCG-001

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>ASV:320:Species:angulatum/merycicum

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GGGAG

>ASV:321:Family:Muribaculaceae

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>ASV:322:Species:sanguinis

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>ASV:323:Family:Ruminococcaceae

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>ASV:324:Species:crecentus/vibrioides

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>ASV:325:Family:Ruminococcaceae

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>ASV:326:Genus:Faecalibacterium
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>ASV:327:Genus:Veillonella
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>ASV:329:Genus:Parabacteroides
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>ASV:339:Species:bouvetii/haemolyticus/johnsonii/junii
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>ASV:340:Species:phage/reuteri/salivarius

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>ASV:341:Genus:Proteus

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>ASV:342:Genus:Alloprevotella

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>ASV:343:Genus:Olsenella

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>ASV:344:Genus:Bacteroides

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>ASV:345:Genus:Negativibacillus

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GTAGC

>ASV:346:Species:anginosus/cristatus/gordonii/infantis/mitis/oralis/pneumoniae/
pseudopneumoniae/sanguinis/timonensis

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>ASV:347:Species:baumannii/bouvetii/haemolyticus/johnsonii/junii/lwoffii/oleivorans/oryzae/
schindleri

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>ASV:348:Species:bombi/cibaria/confusa/hellenica/koreensis/paramesenteroides

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>ASV:349:Genus:Bacteroides

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>ASV:350:Genus:Butyricicoccus

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>ASV:351:Genus:Clostridium_sensu_stricto_1

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>ASV:377:Genus:Salmonella
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>ASV:394:Genus:Subdoligranulum

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>ASV:396:Species:arfidensis/fonticaldi

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>ASV:398:Family:Lachnospiraceae

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>ASV:399:Genus:Prevotella_2

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>ASV:400:Genus:Christensenellaceae_R-7_group

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>ASV:401:Species:goldsteinii

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>ASV:402:Species:lenta

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>ASV:403:Species:dentium/moukalabense

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>ASV:404:Genus:Mannheimia

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>ASV:406:Genus:Rikenellaceae_RC9_gut_group

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>ASV:410:Species:massiliensis
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>ASV:411:Genus:Ruminococcus_1
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>ASV:412:Genus:Parasutterella
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>ASV:413:Genus:Alistipes
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>ASV:414:Species:caccae
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>ASV:415:Family:Family_XIII
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>ASV:416:Family:Lachnospiraceae
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>ASV:417:Genus:Erysipelatoclostridium
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>ASV:418:Order:Obscuribacterales
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>ASV:419:Species:boliviensis/hamiltonii/hydrothermalis/johnsoniae/meridiana/stevensii/venusta
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GGTAG
>ASV:420:Species:diphtheriae/vitaeruminis

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>ASV:421:Genus:Parabacteroides

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>ASV:422:Order: Mollicutes_RF39

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>ASV:423:Family: Family_XIII

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>ASV:424:Family: Lachnospiraceae

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AAATGCGTAGATATTAGGAGGAACACCGGTGGCGAAGGCAGGCTTACTGGACGACCACTGACGCTGAGGCTCGAAAGCGTG
GGAG

>ASV:425:Genus: Faecalibacterium

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GAATGCGTAGATATCGGGAGGAACACCAAGTGGCGAAGGCAGGCTTACTGGGCACCAACTGACGCTGAGGCTCGAAAGTGTG
GGTAG

>ASV:426:Species: colihominis

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AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCAGGCTTACTGGGCTTAACTGACGCTGAGGCTCGAAAGCGTGG
GGAGC

>ASV:427:Genus: Erysipelatoclostridium

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AATGCGTAGATATATGGAGGAACACCAAGTGGCGAAGGCAGGCTTACTGGGCTGACGCTCAGTCCGAAAGCGTGG
GGAGC

>ASV:428:Genus: Holdemanelle

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AATGCGTAGATATATGGAGGAACACCGGTGGCGAAGGCAGGCTTACTGGGCTGAGCTGACACTGAAGCACGAAAGCGTG
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>ASV:429:Genus: Ruminococcaceae_UCG-005

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AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCAGGCTTACTGGACGACAACTGACGCTGAGGCGGAAAGCGTG
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>ASV:430:Genus: Ruminococcaceae_NK4A214_group

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AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCAGGCTTACTGGACATTAAGTACGCTGAGGCGGAAAGCGTG
GGAG

>ASV:431:Family: Lachnospiraceae

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AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCAGGCTTACTGGACAGTAACTGACGCTGAGGCTCGAAAGCGTG
GGAG

>ASV:432:Genus: Faecalibacterium

AACGTAGGTCACAAGCGTTGTCCGGAATTACTGGGTGTAAAGGGAGCGCAGGCGGAGAAACAAGTTGGAAGTAAATCTA
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GAATGCGTAGATATCGGGAGGAACACCAAGTGGCGAAGGCAGGCTTACTGGGCACCAACTGACGCTGAGGCTCGAAAGTGTG
GGTAG

>ASV:433:Genus: Bacteroides

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GGTAT

>ASV:434:Genus:Erysipelatoclostridium

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>ASV:435:Genus:Oscillibacter

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>ASV:436:Species:anaerobia

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AATGCGCAGATATCGGGAAGAACCAGCGGCGAAGGCGAGCTCTCTGGGCCGAAACTGACGCTGAGGCGGAAAGCTGG
GGAG

>ASV:437:Family:Ruminococcaceae

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTCTCTGGGCTTAACTGACGCTGAGGCACGAAAGCATG
GGGAG

>ASV:438:Family:Lachnospiraceae

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>ASV:439:Genus:Butyricimonas

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AATGCATAGATATCACTTGGAAACCCGATAGCGAAGGCGAGCTTCCCAGGCTCGATCTGACGCTGATGCGCGAGAGCGTG
GTAGC

>ASV:440:Family:Muribaculaceae

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>ASV:441:Genus:Parasutterella

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AAATGCGTAGATATGTTGGAAGAACCAGTGGCGAAGGCGAGCTTCTGGGACATAACTGACGCTCAGGCACGAAAGCGTG
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>ASV:442:Species:bacterium

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGATAACTGACGCTGAGGCTCGAAAGCGTG
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>ASV:443:Genus:Flavonifractor

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AAATGCGTAGATATACGGAGGAACACCAGTGGCGAAGGCGGATTGCTGGACGATAACTGACGCTGAGGCGGAAAGCGTG
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>ASV:444:Genus:Bifidobacterium

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GAATGTGTAGATATCGGGAAGAACCAGTGGCGAAGGCGAGTCTCTGGGCCGCTACTGACGCTGAGGAGCGAAAGCGTG
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>ASV:445:Genus:Prevotella_9

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GGTAT

>ASV:446:Genus:Bacteroides

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AAATGCTTAGATATCACGAAGAACCAGTGGCGAAGGCGAGTCTACTGGACTGGTAACTGACACTGAGGCTCGAAAGTGT
GGGTA

>ASV:447:Genus:Subdoligranulum

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TGGGCTCAACCCGTGAATTGCTTTCAAACCTGCTGGCCTTGTAGTAGTGCAGAGGTAGGTGGAATTCCTGGTGTAGCGGTG
GAATGCGTAGATATCGGGAGGAACACCAGTGGCGAAGGCGACCTACTGGGCAACACTGACGCTGAGGCTCGAAAGCATG
GGTAG

>ASV:448:Family:Ruminococcaceae

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTGCTGGGCTTTAACTGACGCTGAGGCACGAAAGCATG
GGGAG

>ASV:449:Species:desmolans

TACGTAGGGAGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGGCGCGAGGCGGGCCGGCAAGTTGGGAGTAAATCCC
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>ASV:450:Genus:Cloacibacillus

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AAATGCGTAGATATCGGGAGGAACACCAGTGGCGAAGGCGGCTTCTGGCACACAACGACGCTCATGTGCAAAAGCCAG
GGCAG

>ASV:451:Family:Ruminococcaceae

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTGCTGGGCTTTAACTGACGCTGAGGCACGAAAGCATG
GGGAG

>ASV:452:Family:Ruminococcaceae

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTGCTGGGCTTTAACTGACGCTGAGGCTCGAAAGCGTG
GGTAG

>ASV:453:Genus:Sellimonas

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGGTGACTGACGTTGAGGCTCGAAAGCGTG
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>ASV:454:Genus:UC5-1-2E3

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTCTGGACAGTAACTGACGTTGAGGCTCGAAAGCGTG
GGGAG

>ASV:455:Species:johnsonii

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GAATGCGTAGATATTGGAAGAACACCAGTGGCGAAGGCGGCTCTCTGGTCTGCAACTGACGCTGAGGCTCGAAAGCATG
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>ASV:456:Genus:Alistipes

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>ASV:457:Genus:Ruminococcaceae_UCG-014

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGACTTTCTGGACAGTAACTGACGTTGAGGCACGAAAGTGTG
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>ASV:458:Genus:Subdoligranulum

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>ASV:459:Species:clarus

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CGGGCTCAACCGTAAATTCAGTTGATACTGGTATCCTTGTAGTGCAGCAGAGGTGGGCGGAATTCCTGGTGTAGCGGTG
AAATGCTTAGATATCACGAAGAACTCCGATTGCGAAGGCGAGCTCACTGGAGTGAACCTGACGCTGATGCTCGAAAGTGTG
GGTAT

>ASV:460:Genus:Prevotella_9

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AAATGCTTAGATATCACGAAGAACTCCGATTGCGAAGGCGAGCTCACGGGAGCGCAACTGACGCTGAAGCTCGAAAGTGTG
GGTAT

>ASV:461:Family:Lachnospiraceae
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GGGAG

>ASV:462:Genus:Subdoligranulum
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>ASV:463:Genus:Desulfovibrio
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>ASV:464:Genus:Lachnospiraceae_NK4A136_group
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>ASV:465:Species:massiliensis/stercoricanis/wadsworthensis
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>ASV:466:Genus:UBA1819
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GAATGCGTAGATATCGGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGGCACTAAGTACGCTTGGGCTCGAAAGCATG
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>ASV:467:Species:evryensis
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GAGGCTCAACCTTCTGTTCCACGATAGATACTGCGGGTCTAGAGTATGTGAGAGGGAAGTGGAAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATCGGGAGGAACACCAGTGGCGAAGGCGGCTTCTGGCACACAAGTACGCTCATGTGCGAAAGCCAG
GGCAG

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>ASV:557:Genus:Erysipelotrichaceae_UCG-003

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>ASV:558:Genus:Prevotella_9

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>ASV:559:Family:Ruminococcaceae

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>ASV:560:Species:timonensis

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>ASV:561:Genus:Megasphaera

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>ASV:562:Genus:Bacteroides

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>ASV:563:Genus:Lachnoclostridium

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>ASV:564:Species:aquatica/puraquae/saccharophila

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>ASV:565:Family:Lachnospiraceae

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>ASV:567:Genus:Prevotella_9

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>ASV:568:Genus:Megasphaera

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>ASV:584:Family:Ruminococcaceae

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>ASV:585:Genus:Parabacteroides

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>ASV:586:Genus:Ruminococcaceae_UCG-010

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>ASV:587:Species:salivarius

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>ASV:588:Genus:Prevotellaceae_NK3B31_group

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>ASV:589:Genus:Holdemania

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>ASV:590:Genus:Shuttleworthia

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>ASV:591:Genus:Blautia

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>ASV:592:Genus:Prevotella_2

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>ASV:593:Species:atypica/parvula

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>ASV:594:Genus:Paraprevotella

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>ASV:595:Order:Chloroplast

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>ASV:596:Genus:Parabacteroides

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>ASV:599:Genus:Blautia
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>ASV:601:Genus:Blautia
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>ASV:607:Genus:Bacteroides
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>ASV:609:Genus:Bacteroides
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>ASV:610:Genus:Ruminococcaceae_UCG-005
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>ASV:680:Genus:Ruminiclostridium_9

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>ASV:682:Genus:Ruminiclostridium_9

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>ASV:685:Genus:Faecalibacterium

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>ASV:691:Genus:Prevotella_9

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>ASV:697:Family:Ruminococcaceae

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>ASV:701:Genus:Sutterella

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>ASV:703:Genus:Christensenellaceae_R-7_group

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>ASV:704:Genus:Lachnoclostridium

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>ASV:705:Family:Christensenellaceae

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>ASV:706:Family:Lachnospiraceae

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>ASV:707:Genus:Bacteroides

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>ASV:708:Genus:Intestinimonas

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>ASV:709:Genus:Ruminococcus_1

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>ASV:710:Genus:Prevotella_9

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>ASV:711:Genus:Ruminococcaceae_UCG-010

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>ASV:712:Genus:Anaerostipes

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>ASV:713:Order:Mollicutes_RF39

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>ASV:714:Genus:Lachnoclostridium

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>ASV:715:Species:odontolyticus

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>ASV:716:Species:pleomorphus

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>ASV:717:Family:Ruminococcaceae

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>ASV:718:Genus:Lachnoclostridium

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>ASV:719:Species:coli/flexneri
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>ASV:722:Species:auricularis/epidermidis/warneri
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>ASV:723:Genus:Ruminococcaceae_UCG-014
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>ASV:725:Genus:Lachnospiraceae_NK4B4_group
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>ASV:726:Genus:Merdibacter
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>ASV:728:Family:Ruminococcaceae
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>ASV:732:Genus:Ruminococcaceae_UCG-005
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>ASV:747:Genus:Erysipelatoclostridium

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>ASV:748:Family:Lachnospiraceae

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>ASV:749:Family:Lachnospiraceae

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>ASV:750:Genus:Ruminiclostridium_9

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>ASV:751:Genus:Stenotrophomonas

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>ASV:752:Order:Clostridiales

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>ASV:753:Genus:Lachnospira

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>ASV:754:Genus:Enterorhabdus

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>ASV:755:Genus:Ruminococcaceae_UCG-005

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>ASV:756:Genus:Catenibacterium

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>ASV:757:Order:Chloroplast

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>ASV:758:Genus:Sellimonas

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>ASV:759:Species:massiliensis/sartorii

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>ASV:760:Genus:Ruminococcaceae_UCG-010

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>ASV:762:Order:DTU014

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>ASV:996:Family:Lachnospiraceae
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>ASV:997:Family:Family_XIII
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>ASV:999:Genus:Ruminococcaceae_UCG-009
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>ASV:1000:Genus:Bifidobacterium
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>ASV:1016:Genus:Bacteroides
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>ASV:1019:Family:Ruminococcaceae

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>ASV:1020:Family:Lachnospiraceae

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>ASV:1021:Genus:Agathobacter

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>ASV:1022:Genus:Paenibacillus

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>ASV:1023:Genus:Ruminococcaceae_UCG-014

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>ASV:1024:Species:suis

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>ASV:1025:Genus:Lachnospiraceae_UCG-010

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>ASV:1026:Order:Mollicutes_RF39

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>ASV:1027:Order:Mollicutes_RF39

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>ASV:1029:Genus:Roseburia

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>ASV:1030:Genus:Lachnoclostridium

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>ASV:1031:Genus:Faecalibacterium

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>ASV:1046:Genus:Bacteroides

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>ASV:1047:Species:aeruginosa/alcaligenes/alcaliphila/asplenii/cf./chengduensis/composti/
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>ASV:1048:Genus:Sphingomonas

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>ASV:1049:Genus:Prevotella_9

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>ASV:1050:Genus:Lachnospiraceae_FCS020_group

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>ASV:1052:Genus:Rheinheimera

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>ASV:1053:Genus:Ruminococcaceae_UCG-014

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>ASV:1054:Genus:Klebsiella

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>ASV:1055:Genus:Halomonas

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>ASV:1056:Species:distasonis

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>ASV:1057:Genus:Parabacteroides

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>ASV:1058:Genus:Bilophila

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>ASV:1060:Genus:Sphingomonas

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>ASV:1061:Genus:Oscillibacter

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>ASV:1063:Genus:Erysipelatoclostridium

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>ASV:1064:Genus:Prevotella_2

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>ASV:1065:Species:micronuciformis

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>ASV:1066:Genus:Parabacteroides

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>ASV:1067:Family:Lachnospiraceae

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>ASV:1069:Family:Ruminococcaceae

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>ASV:1070:Genus:Ruminococcaceae_UCG-013

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>ASV:1071:Genus:Alloprevotella

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subtilis/thuringiensis
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>ASV:1164:Species:subterraneum/yangbajingensis

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>ASV:1226:Family:Muribaculaceae

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>ASV:1227:Genus:Parasutterella

TACGTAGGGTGCAGCGTTAATCCGAACTTACTGGGCGTAAAGGGTGTGAGGCGGCTGAGTAAGACAGATGTGAAATCCC
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GGGAG

>ASV:1228:Family:Lachnospiraceae

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGTAACCTGACGTTGAGGCTCGAAAGCGTG
GGGAG

>ASV:1229:Species:casei/helveticus/paracasei/plantarum/rhamnosus/zeae

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>ASV:1230:Genus:Family_XIII_AD3011_group

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AATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTCTGGACTGTAACCTGACACTGAGGTACGAAAGCGTGG
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>ASV:1231:Family:Coriobacteriales_Incertae_Sedis

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GGAGC

>ASV:1232:Species:acetispora

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AATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTGCTGGGCTTAACTGACGCTGAGGCTCGAAAGCGTGG
GTAGC

>ASV:1233:Genus:Ruminiclostridium_5

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GGTAG

>ASV:1234:Genus:Intestinimonas

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>ASV:1235:Genus:Ruminococcaceae_UCG-003

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GGGAG

>ASV:1236:Family:Muribaculaceae

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>ASV:1237:Species:periodonticum

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GTAGC

>ASV:1238:Species:aidingensis/alimentaria/cerina/daqiaonensis/desiderata/fontilapidosi/lutea/
nitroreducens/rifensis/salina/stenophila/ventosae

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AAATGCGTAGAGATCGGGAGGAATACCCAGTGGCGAAGGCGGCTTCTGGACTGACACTGACGCTGAGGTGCGAAAGCGTG
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>ASV:1239:Genus:Lachnospiraceae_UCG-004

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>ASV:1240:Genus:Peptococcus

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>ASV:1241:Genus:Hoeflea

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GGGAG

>ASV:1242:Genus:Christensenellaceae_R-7_group

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AAATGCGTAGATATTGGGAGGAACACCCAGTGGCGAAGGCGACTTACTGGGCCAACGACGCTGAGGCGCAAAGCGTG
GGGAG

>ASV:1243:Species:odontolyticus

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GAATGCGCAGATATCAGGAAGAACACCCGTTGGCGAAGGCGGCTCTGGGCCGTTACTGACGCTGAGGAGCGAAAGCGTG
GGGAG

>ASV:1244:Family:Lachnospiraceae

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AAATGCGTAGATATTAGGAGGAACACCCAGTGGCGAAGGCGGCTTACTGGACGGTAACGACGTTGAGGCTCGAAAGCGTG
GGGAG

>ASV:1245:Genus:Lachnospiraceae_NC2004_group

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GGGAG

>ASV:1246:Family:Ruminococcaceae

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>ASV:1247:Genus:Ruminiclostridium_1

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AATGCGTAGAGATTAGGAGGAACACCACTGGCGAAGGCGGCTTTCTGGACAGTAACGACGCTGATGCGCGAAAGCGTG
GGGAG

>ASV:1248:Genus:Succiniclasticum

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AATGCGTAGATATTGGGAAGAACACCGGTGGCGAAGGCGCCTTTCTGGACTGTGTCTGACGCTCAGATGCGAAAAGCCAG
GTAGC

>ASV:1249:Genus:Prevotella_9

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AAATGTTTAGATATCACGAAGAACTCCGATTGCGAAGGCGAGTCACTGGAGCGCAACTGACGCTGAAGCTCGAAAGTGGC
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>ASV:1250:Order:Mollicutes_RF39

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AATGCGTAGATATTAGAAGGAACACCACTGGCGAAGGCGGCTTACTGGGCCATAACTGACGCTGAGGCACGAAAGCGTGG
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>ASV:1251:Genus:Ruminiclostridium_5

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>ASV:1252:Genus:Ruminococcaceae_UCG-005

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GGGAG

>ASV:1253:Family:Lachnospiraceae

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>ASV:1254:Genus:Prevotella_2

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>ASV:1255:Genus:Intestinibacter

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>ASV:1256:Genus:Blautia

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AAATGCGTAGATATTAGGAGGAACACCACTGGCGAAGGCGGCTTACTGGACGTAACGACGTTGAGGCTCGAAAGCGTG
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>ASV:1257:Genus:GCA-900066225

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>ASV:1258:Genus:Bacteroides

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>ASV:1259:Genus:Butyricicoccus

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AAATGCGTAGATATACGGAGGAACACCACTGGCGAAGGCGGCTGCTGGACATTAACGACGCTGAGGCACGAAAGCGTG
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>ASV:1260:Species:algae/baltica/oneidensis/profunda/putrefaciens/xiamenensis

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GGGAG

>ASV:1261:Species:clevelandensis

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>ASV:1262:Genus:Christensenellaceae_R-7_group

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>ASV:1263:Species:splanchnicus

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>ASV:1264:Family:Lachnospiraceae

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>ASV:1265:Genus:Pelosinus

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>ASV:1266:Genus:Faecalibacterium

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>ASV:1267:Genus:Ornithinibacillus

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>ASV:1268:Genus:Anaerostipes

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>ASV:1269:Genus:Anaerofilum

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>ASV:1270:Genus:Romboutsia

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>ASV:1271:Genus:Prevotellaceae_UCG-003

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>ASV:1272:Genus:Lachnospira

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>ASV:1273:Species:stercorihominis

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>ASV:1274:Family:Lachnospiraceae

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>ASV:1275:Species:atrinae/carniphila/gwangalliensis/marina
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GGGGA

>ASV:1276:Genus:Sellimonas
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>ASV:1277:Species:tayi
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>ASV:1278:Genus:Lachnoclostridium
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>ASV:1279:Order:Clostridiales
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>ASV:1280:Genus:Bacteroides
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>ASV:1281:Genus:Megamonas
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>ASV:1282:Species:desulfuricans/multispirans
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>ASV:1283:Genus:Lachnospira
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>ASV:1284:Genus:Bacteroides
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>ASV:1287:Family:Clostridiales_vadinBB60_group
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>ASV:1288:Genus:Lachnospirillum
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>ASV:1294:Species:bullata/halotolerans
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saprophyticus/succinus/xylorus
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>ASV:1328:Genus:Lachnoclostridium
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>ASV:1330:Family:Lachnospiraceae

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>ASV:1331:Genus:Erysipelotrichaceae_UCG-003

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>ASV:1332:Genus:Fusobacterium

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>ASV:1333:Genus:Olsenella

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>ASV:1334:Genus:Pluralibacter

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>ASV:1335:Genus:Oscillospira

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>ASV:1336:Genus:Lachnospiraceae_UCG-010

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>ASV:1337:Genus:Blautia

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>ASV:1338:Family:Peptococcaceae

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>ASV:1339:Genus:Family_XIII_AD3011_group

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>ASV:1340:Genus:Ruminococcaceae_UCG-014

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>ASV:1341:Genus:Anaerostipes

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>ASV:1399:Genus:Butyricimonas

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>ASV:1400:Genus:Ruminococcaceae_UCG-014

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>ASV:1401:Genus:Ruminococcaceae_UCG-010

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>ASV:1402:Genus:Butyricicoccus

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>ASV:1403:Family:Lachnospiraceae

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>ASV:1404:Genus:Fournierella

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>ASV:1405:Genus:Ruminococcaceae_UCG-002

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>ASV:1406:Family:Lachnospiraceae

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>ASV:1407:Genus:Faecalibacterium

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>ASV:1408:Genus:Lactobacillus

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>ASV:1409:Genus:Lachnospiraceae_UCG-004

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>ASV:1410:Family:Lachnospiraceae

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>ASV:1411:Genus:Ruminococcaceae_UCG-011

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>ASV:1412:Genus:Butyricimonas

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>ASV:1413:Species:mucilaginoso

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>ASV:1414:Genus:Subdoligranulum

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>ASV:1415:Family:Lachnospiraceae

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>ASV:1416:Species:moorei

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>ASV:1417:Species:mucilaginoso

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>ASV:1418:Genus:Ruminococcaceae_UCG-013

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>ASV:1419:Family:Lachnospiraceae

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>ASV:1420:Genus:28-4

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>ASV:1421:Family:Lachnospiraceae

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>ASV:1427:Species:reticulotermitis
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>ASV:1436:Genus:Ruminococcaceae_NK4A214_group
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>ASV:1454:Species:massiliensis
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>ASV:1457:Species:biformis
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>ASV:1459:Genus:Ruminiclostridium_5
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>ASV:1460:Family:Lachnospiraceae
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>ASV:1461:Family:Christensenellaceae
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>ASV:1462:Genus:Bacteroides
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>ASV:1463:Family:Lachnospiraceae
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>ASV:1464:Genus:Bacteroides
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>ASV:1476:Family:Ruminococcaceae
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>ASV:1477:Family:Bacillaceae

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>ASV:1478:Genus:Lachnoclostridium

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>ASV:1479:Genus:Lachnoclostridium

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>ASV:1480:Genus:Lachnoclostridium

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>ASV:1481:Genus:Anaerostipes

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>ASV:1482:Genus:Ruminiclostridium_1

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>ASV:1483:Genus:Lachnoclostridium

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>ASV:1484:Genus:Flavonifractor

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>ASV:1485:Genus:Lachnoclostridium

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>ASV:1486:Genus:Family_XIII_AD3011_group

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>ASV:1487:Genus:Ruminococcaceae_NK4A214_group

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>ASV:1488:Genus:Ruminococcaceae_UCG-010

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>ASV:1489:Species:naeslundii/oris/viscosus

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>ASV:1490:Genus:Ezakiella

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>ASV:1491:Species:af fermentans/coyleae/fournierii/H-EH3/ihumii/mucifaciens/pilbarensis/ureicelerivorans

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>ASV:1492:Genus:Dysgonomonas

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>ASV:1493:Genus:Parabacteroides

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>ASV:1494:Genus:Shuttleworthia

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>ASV:1495:Genus:Christensenellaceae_R-7_group

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>ASV:1496:Genus:Porphyromonas

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>ASV:1497:Order:Clostridiales

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>ASV:1498:Genus:Agathobacter

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>ASV:1499:Genus:Ruminiclostridium_5

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>ASV:1500:Genus:Pedobacter

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>ASV:1501:Genus:Faecalibacterium

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>ASV:1502:Genus:Enterococcus

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>ASV:1503:Family:Christensenellaceae

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>ASV:1504:Genus:Marvinbryantia

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>ASV:1505:Genus:Acinetobacter

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>ASV:1506:Genus:Fournierella

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>ASV:1507:Genus:Ruminococcaceae_UCG-014

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>ASV:1508:Species:jeotgali

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>ASV:1509:Genus:Christensenellaceae_R-7_group

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>ASV:1510:Genus:Dorea

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>ASV:1511:Genus:Lachnoclostridium

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>ASV:1512:Species:timonensis

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>ASV:1513:Species:chungangensis/garvieae/laudensis/raffinolactis

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>ASV:1514:Family:Mitochondria

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>ASV:1515:Genus:Alistipes

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>ASV:1516:Genus:Bacteroides

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>ASV:1517:Family:Lachnospiraceae

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>ASV:1532:Genus:Lachnospiraceae_NK4A136_group

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>ASV:1533:Genus:Blautia

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>ASV:1535:Genus:Domibacillus

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>ASV:1536:Order:Chloroplast

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>ASV:1538:Family:Desulfovibrionaceae

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>ASV:1539:Species:laneus

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>ASV:1540:Genus:Subdoligranulum

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>ASV:1541:Genus:Blautia

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>ASV:1542:Genus:Dorea

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>ASV:1548:Genus:Agathobacter
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>ASV:1602:Genus:Bacteroides

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>ASV:1612:Family:Lachnospiraceae

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>ASV:1632:Genus:Ruminococcaceae_UCG-010
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>ASV:1634:Genus:Ruminococcaceae_UCG-014
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>ASV:1635:Genus:Blautia
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>ASV:1637:Genus:Parabacteroides
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>ASV:1638:Genus:Parabacteroides
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>ASV:1667:Genus:Fournierella

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GAATGCGTAGATATCGGGAGGAACACCAGTGGCGAAGGCGGCTACTGGGCACTAACTGACGCTGAGGCTCGAAAGCATG
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>ASV:1668:Genus:Streptococcus

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>ASV:1669:Genus:Subdoligranulum

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>ASV:1670:Genus:Alloprevotella

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>ASV:1671:Genus:Ruminococcus_1

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>ASV:1672:Species:celticus

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>ASV:1673:Genus:Bacteroides

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>ASV:1674:Genus:Blautia

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>ASV:1675:Species:intestinihominis

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>ASV:1676:Genus:Subdoligranulum

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>ASV:1678:Genus:GCA-900066575

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>ASV:1679:Species:maltophilia

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>ASV:1681:Genus:Ruminiclostridium_9

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>ASV:1682:Genus:Blautia

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>ASV:1683:Family:Lachnospiraceae

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>ASV:1684:Order:Mollicutes_RF39

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>ASV:1685:Genus:Hydrogenophaga

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>ASV:1686:Family:Muribaculaceae

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>ASV:1687:Family:Peptostreptococcaceae

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>ASV:1688:Genus:Dorea

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>ASV:1689:Family:Family_XIII

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>ASV:1690:Genus:Ruminococcaceae_NK4A214_group

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>ASV:1691:Family:Lachnospiraceae

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>ASV:1692:Genus:Ruminococcaceae_UCG-009

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>ASV:1693:Genus:Bifidobacterium

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>ASV:1694:Genus:Ruminococcaceae_UCG-005
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>ASV:1697:Order:Molicutes_RF39
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>ASV:1700:Genus:Lachnospiraceae_UCG-009
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>ASV:1701:Family:Lachnospiraceae
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>ASV:1705:Species:coli
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>ASV:1707:Genus:Ruminococcaceae_UCG-013
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>ASV:1720:Genus:Bacteroides
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>ASV:1722:Family:Ruminococcaceae

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>ASV:1723:Family:Lachnospiraceae

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>ASV:1724:Genus:Methanosphaera

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>ASV:1725:Species:acidilactici/claussenii/pentosaceus

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>ASV:1726:Genus:Faecalibacterium

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>ASV:1727:Family:Lachnospiraceae

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>ASV:1728:Species:piriformis

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>ASV:1729:Genus:Parabacteroides

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>ASV:1730:Genus:Oscillibacter

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>ASV:1731:Genus:GCA-900066225

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>ASV:1732:Family:Lachnospiraceae

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>ASV:1733:Genus:Parabacteroides

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>ASV:1734:Genus:Staphylococcus

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>ASV:1735:Genus:Faecalibacoccus

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>ASV:1736:Genus:S5-A14a

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>ASV:1737:Genus:Anaerostipes

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>ASV:1738:Genus:Caulobacter

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>ASV:1739:Family:Ruminococcaceae

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>ASV:1740:Genus:Lachnospira

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>ASV:1741:Genus:Defluviimonas

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>ASV:1742:Genus:Christensenellaceae_R-7_group

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>ASV:1743:Species:mossii/oryzarvi

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>ASV:1744:Genus:Parabacteroides

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>ASV:1745:Genus:Odoribacter

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>ASV:1746:Genus:Catenibacterium

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>ASV:1748:Genus:Intestinimonas

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>ASV:1749:Family:Lachnospiraceae

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>ASV:1750:Genus:Lachnospiraceae_UCG-004

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GGGAG

>ASV:1751:Genus:Akkermansia

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GGGAG

>ASV:1752:Genus:Alloprevotella

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>ASV:1753:Family:Christensenellaceae

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>ASV:1754:Genus:Coprococcus_1

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>ASV:1755:Genus:Intestinibacter

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>ASV:1756:Genus:Streptococcus

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>ASV:1757:Family:Ruminococcaceae

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>ASV:1758:Genus:Ruminococcus_1

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>ASV:1759:Genus:Parabacteroides

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>ASV:1760:Genus:Rothia

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>ASV:1761:Genus:Butyrivibrio

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>ASV:1762:Genus:Holdemanelle
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>ASV:1763:Genus:Subdoligranulum
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>ASV:1764:Family:Lachnospiraceae
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>ASV:1765:Species:bohemicus/movanagherensis
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>ASV:1766:Genus:UC5-1-2E3
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>ASV:1767:Genus:Christensenellaceae_R-7_group
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>ASV:1768:Genus:Anaerostipes
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>ASV:1769:Species:marisminoris
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>ASV:1770:Species:aeruginosa/denitrificans/fluorescens/mendocina/otitidis/protegens/putida/
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>ASV:1771:Species:lacrimalis
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>ASV:1772:Genus:Blautia
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>ASV:1774:Genus:Butyricimonas
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>ASV:1775:Genus:Sutterella
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>ASV:1776:Genus:Escherichia/Shigella

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>ASV:1777:Genus:Lachnospira

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>ASV:1778:Genus:Paraprevotella

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>ASV:1779:Genus:Ruminococcus_1

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>ASV:1780:Species:atypica

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>ASV:1781:Genus:Christensenellaceae_R-7_group

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>ASV:1782:Genus:Staphylococcus

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>ASV:1783:Family:Christensenellaceae

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>ASV:1784:Genus:Faecalibacterium

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>ASV:1785:Genus:Bacteroides

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>ASV:1786:Genus:Dorea

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>ASV:1787:Genus:Coprococcus_3

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>ASV:1788:Family:Burkholderiaceae

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>ASV:1789:Genus:Lachnoclostridium
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>ASV:1790:Genus:Ruminococcaceae_NK4A214_group
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>ASV:1793:Genus:Coproacter
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>ASV:1795:Genus:Clostridium_sensu_stricto_1
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>ASV:1798:Genus:Bacteroides
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>ASV:1817:Genus:Howardella

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>ASV:1819:Genus:Actinomyces

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>ASV:1820:Family:Lachnospiraceae

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>ASV:1822:Genus:Dialister

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>ASV:1823:Genus:Parabacteroides

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>ASV:1824:Genus:Ruminiclostridium_9

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>ASV:1825:Genus:Lachnoclostridium

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>ASV:1826:Genus:Acetanaerobacterium

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>ASV:1827:Genus:Ruminococcus_1

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>ASV:1828:Genus:Bacteroides

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>ASV:1829:Genus:Lactococcus

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>ASV:1830:Species:aestuarii/beibuensis/marinus/rhizosphaerae/siganidrum
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>ASV:1831:Genus:Christensenellaceae_R-7_group
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>ASV:1835:Order:Flavobacteriales
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>ASV:1836:Genus:Parabacteroides
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>ASV:1837:Family:Lachnospiraceae
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>ASV:1838:Family:Ruminococcaceae
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>ASV:1839:Genus:Christensenellaceae_R-7_group
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>ASV:1841:Genus:Dialister
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>ASV:1842:Family:Peptococcaceae
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>ASV:1843:Family:Microbacteriaceae
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>ASV:1844:Genus:Blautia

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>ASV:1845:Family:Ruminococcaceae

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>ASV:1847:Genus:Bacteroides

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>ASV:1848:Genus:Clostridium_sensu_stricto_1

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>ASV:1849:Genus:Faecalibacterium

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>ASV:1850:Genus:Ruminococcaceae_UCG-005

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>ASV:1851:Genus:Corynebacterium

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>ASV:1852:Genus:Moheibacter

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>ASV:1853:Family:Beutenbergiaceae

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>ASV:1854:Genus:GCA-900066225

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>ASV:1855:Family:Lachnospiraceae

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>ASV:1856:Family:Lachnospiraceae

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>ASV:1859:Genus:Holdemania
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>ASV:1860:Genus:Parvimonas
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>ASV:1861:Genus:Faecalibacterium
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>ASV:1862:Genus:Ruminococcaceae_UCG-007
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>ASV:1886:Genus:Faecalibacterium

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>ASV:1888:Genus:Subdoligranulum

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>ASV:1891:Genus:Actinomyces

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>ASV:1892:Species:asaccharolyticus/grossensis/harei

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>ASV:1893:Species:acidaminiphila/humi/maltophilia/pavanii

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>ASV:1894:Genus:Family_XIII_AD3011_group

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>ASV:1895:Genus:Family_XIII_AD3011_group

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>ASV:1896:Family:Lachnospiraceae

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>ASV:1897:Genus:Blautia

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>ASV:1899:Family:Ruminococcaceae

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>ASV:1900:Family:Lachnospiraceae

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>ASV:1901:Family:Lachnospiraceae

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>ASV:1904:Family:Lachnospiraceae

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>ASV:1905:Family:Lachnospiraceae

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>ASV:1908:Genus:Thermicanus

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>ASV:1912:Genus:Lachnoclostridium
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>ASV:1915:Genus:Porphyromonas
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>ASV:1918:Genus:Christensenellaceae_R-7_group
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>ASV:1925:Genus:Oscillibacter
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>ASV:1926:Species:omnicolens
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>ASV:1927:Genus:Family_XIII_AD3011_group
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>ASV:1928:Genus:Dorea
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>ASV:1929:Family:Lachnospiraceae
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>ASV:1930:Genus:Parabacteroides
TACGGAGGATCCGAGCGTTATCCGGATTTATGGGTTTAAAGGGTGCCTAGGCGGCTTTTAAAGTACGCGGTGAAAGTCT
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GGTAT

>ASV:1931:Genus:Butyricimonas
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>ASV:1932:Genus:Ruminococcaceae_UCG-008
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>ASV:1933:Genus:Blautia
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>ASV:1934:Genus:Cloacibacterium
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>ASV:1935:Genus:Ruminiclostridium_5
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>ASV:1936:Genus:Ruminococcaceae_NK4A214_group
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>ASV:1937:Genus:Lachnospiraceae_UCG-004
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>ASV:1938:Genus:Rikenellaceae_RC9_gut_group
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>ASV:1939:Family:Lachnospiraceae
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>ASV:1940:Genus:Parabacteroides
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>ASV:1942:Genus:Parasutterella
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>ASV:1943:Family:Lachnospiraceae
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>ASV:1944:Genus:Moryella
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>ASV:1945:Genus:Veillonella
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AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTACTGGACGTAACGACGTTGAGGCTCGAAAGCGTG
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>ASV:1946:Family:Ruminococcaceae
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>ASV:1947:Genus:Parabacteroides
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>ASV:1948:Genus:Hyphomicrobium
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>ASV:1949:Family:Lachnospiraceae
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>ASV:1950:Genus:Christensenellaceae_R-7_group
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GGGAG
>ASV:1951:Genus:Ruminococcaceae_UCG-005
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>ASV:1952:Genus:GCA-900066225

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>ASV:1953:Genus:Methylobacterium

TACGAAGGGGGCTAGCGTTGTCCGGAATCACTGGGCGTAAAGGGCGCGTAGGCGGCGTGAAGTTGGGGGTGAAAGCCT
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AAATTCGTAGATATTCGCAAGAACACCAGTGGCGAAGCGGCCAACTGGACCATCACTGACGCTGAGGCGCGAAAGCGTG
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>ASV:1954:Genus:Candidatus_Soleaferrea

TACGTAGGTGGCGAGCGTTGTCCGGAATTACTGGGTGTAAAGGGAGCGTAGGCGGGAAGACAAGTTGAATGTGAAATCTA
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AATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGCGGCTGCTGGGCTTTTACTGACGCTGAGGCTCGAAAGCATGG
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>ASV:1955:Genus:Ruminococcaceae_UCG-010

TACGTAGGTGGCAAGCGTTATCCGGATTTATTGGGTGTAAAGGGTGAGTAGGCGGGCTGACAAGTCAGATGTGAAATGTT
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>ASV:1956:Genus:Faecalibacterium

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GAATGCGTAGATATTCGGGAGGAACACCAGTGGCGAAGCGGCTTACTGGGCACCAACTGACGCTGAGGCTCGAAAGTGTG
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>ASV:1957:Genus:Anaerostipes

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>ASV:1958:Genus:Lachnospira

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGCGGCTCACTGGACTGTAACCTGACACTGAGGCTCGAAAGCGTG
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>ASV:1959:Genus:Bacteroides

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AAATGCTTAGATATCAGGAAGAATCCGATTGCGAAGGCAGCTTACTGGATTGTAACCTGACGCTGATGCTCGAAAGTGTG
GGTAT

>ASV:1960:Genus:Blautia

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TGGGCTCAACCTGTGGACTGCATTGGAAACTGTCATACTTGAAGTGCAGGAGGGTAAGCGGAATTCCTAGTGTAGCGGTG
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>ASV:1961:Species:hominis

TACGGAGGTGCAAGCGTTACTCGGAATCACTGGGCGTAAAGGGTGCGTAGGTGGATTATCAAGTCTCTTGTGAAATCTA
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AAATCCGTAGATATCAAGAAGAATACCTATTGCGAAAGCGATCTGCTAGAACCTAACTGACACTGATGCACGAAAGCGTG
GGGAG

>ASV:1962:Genus:Christensenellaceae_R-7_group

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AAATGCGTAGAGATTGGGAGGAACACCAGTGGCGAAGGCAGCTAACTGGACTGTAACCTGACGCTGAGGCGCGAAAGTGTG
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>ASV:1963:Kingdom:Bacteria

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AAATGCTTAGATATCAGGAAGAATCCGATTGCGAAGGCAGCTCACTGGACTGCAACTGACACTGATGCTCGAAAGTGTG
GGTAT

>ASV:1964:Genus:Staphylococcus

CACGTAGGTGGCAAGCGTTATCCGGAATTATTGGGCGTAAAGCGCGCTAGGCGGTTTTTTAAGTCTGATGTGAAAGGCC
ACGGCTCAACCGTGGAGGGTATTGGAGACTGGAAAACCTTGAAGTGCAGAGGTAAGTGGAAATTCCTAGTGTAGCGGTG
AAATGCGCAGAGATATGGAGGAACACCAGTGGCGAAGGCAGCTTCTGGTCTGTAACCTGACGCTGATGTGCGAAAGCGTG
GGGAT

>ASV:1965:Genus:Christensenellaceae_R-7_group

TACGTAGGGGGCGAGCGTTGTCCGGAATGACTGGGCGTAAAGGGCGCGTAGGCGGCGGACTAAGTCTGATGTGAAATACC
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>ASV:1966:Genus:Megasphaera

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AATGCGTAGATATTAGGAGGAACACCAGTGGCGAAAGCTGCTTTCTGGACGACAACTGACGCTGAGGCGCGAAAGCCAGG
GGAGC

>ASV:1967:Family:Lachnospiraceae

TACGTAGGGGGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGAGCGTAGACGGCAATGCAAGTCTGGAGTAAAACCC
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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGGTAACGACGTTGAGGCTCGAAAGCGTG
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>ASV:1968:Genus:Roseburia

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GGGGCTCAACCCCGGACTGCATTGAACTGTCTACTTGTAGTATCGGAGAGGTAAGTGAATTCCTAGTGTAGCGGTG
AAATGCGTAGATATTAGAAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGATAACGACGCTGAGGCTCGAAAGCGTG
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>ASV:1969:Genus:Candidatus_Soleaferrea

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AAATGCGTAAATATTAGGAGGAACACCAGTGGCGAAGGCGGCTGCTGGGCTTAACTGACGCTGAGGCTCGAAAGCGTG
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>ASV:1970:Genus:Prevotella

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AAATGCTTAGATATCATGACGAACTCCGATTGCGCAGGCAGCTTACTGTAGCATAACGACGCTGATGCTCGAAAGTGGC
GGTAT

>ASV:1971:Genus:Lachnospira

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTGTGGACTGTAACGACACTGAGGCTCGAAAGCGTG
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>ASV:1972:Genus:Prevotella_6

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AAATGCTTAGATATCATGAAGAACTCCTATTGCGAAGGCAGCTCACGGGAGTGTCACTGACGCTTAAGCTCGAAGGTGGC
GGTAT

>ASV:1973:Genus:Ruminococcaceae_UCG-005

TACGTAGGTGGCAAGCGTTGTCCGGAATTTACTGGGTGTAAGGGCGTGTAGGCGGGAAGACAGGTCAGATGTAAAATACC
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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTGTGGACTGTAACGACACTGAGGCTCGAAAGCGTG
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>ASV:1974:Genus:Enterococcus

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTCTGGTCTGTAACGACGCTGAGGCTCGAAAGCGTG
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>ASV:1975:Genus:Cloacibacterium

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>ASV:1976:Family:Clostridiales_vadinBB60_group

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GGAATGCGTAGATATTAGGAGGAACATCAGTGGCGAAGGCGGACTTACTGGACGATAACTGACGCTGAGGCGCAAGGCGT
GGGA

>ASV:1977:Genus:Phascolarctobacterium

TACGTAGGTGGCGAGCGTTGTCCGGAATTTATTGGGCGTAAAGAGCATGTAGGCGGCTTAATAAGTCAAGCGTAAAATGC
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AATGCGTAGATATTGGGAGGAACACCAGTGGCGAAGGCGGCTTTCTGGACTGTGTCTGACGCTGAGATGCGAAAGCCAGG
GTAGC

>ASV:1978:Genus:Barnesiella

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AAATGCGTAGATATCACGAGAACCCGATTGCGAAGGCAGCCTGCTAGGTTGCGACAGACGCTGAGGCGCAAGGCGTG
GGTAT

>ASV:1979:Family:Lachnospiraceae

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>ASV:1980:Genus:Parasutterella
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>ASV:1981:Genus:Lachnoclostridium
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>ASV:1982:Family:Burkholderiaceae
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>ASV:1984:Family:Lachnospiraceae
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>ASV:1985:Species:lentocellum
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>ASV:1986:Family:Pedosphaeraceae
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>ASV:1987:Family:Peptococcaceae
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>ASV:1988:Species:dechangensis/flava/himachalensis/polaris/rosea/sediminis/turfanensis
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>ASV:1990:Family:Enterobacteriaceae
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>ASV:1991:Species:aeruginosa/entomophila/fluorescens/fulva/guariconensis/knackmussii/mevalonii/
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GGGAG

>ASV:1993:Genus:Subdoligranulum

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>ASV:1994:Family:Ruminococcaceae

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>ASV:1995:Genus:Lachnoclostridium

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>ASV:1996:Genus:Akkermansia

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>ASV:1997:Genus:Lachnospira

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>ASV:1998:Genus:Bacteroides

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>ASV:1999:Genus:Porphyromonas

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>ASV:2000:Genus:Blautia

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>ASV:2001:Genus:Blautia

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>ASV:2002:Genus:UBA1819

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>ASV:2003:Genus:Porphyromonas

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>ASV:2004:Genus:Ruminococcus_1

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTCTGGACGTTAAGTCAAGTGTGAGGCTCGAAAGCGTG
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>ASV:2005:Genus:Ruminococcaceae_UCG-005

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTCTGGACGACAACGACGCTGAGGCGGCAAGCGGTG
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>ASV:2006:Genus:Lachnoclostridium

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>ASV:2007:Genus:Turicibacter

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>ASV:2008:Genus:Oscillibacter

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>ASV:2009:Genus:Bacteroides

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>ASV:2010:Species:rhamnosus

TACGTAGGTGGCAAGCGTTATCCGGATTTATTGGGCGTAAAGCGAGCGCAGGCGGTTTTTAAAGTCTGATGTGAAAGCCC
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>ASV:2011:Genus:Parabacteroides

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>ASV:2012:Genus:Agathobacter

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>ASV:2013:Genus:Ruminococcaceae_UCG-014

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>ASV:2014:Family:Lachnospiraceae

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGATAACGACGTTGAGGCTCGAAAGCGTG
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>ASV:2015:Genus:Lachnoclostridium

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>ASV:2016:Genus:Intestinibacter

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>ASV:2017:Genus:Blautia

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>ASV:2018:Family:Ruminococcaceae

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>ASV:2019:Genus:Ruminiclostridium_5

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>ASV:2020:Family:Lachnospiraceae
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>ASV:2021:Genus:Sphingomonas
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>ASV:2022:Genus:Ruminococcaceae_UCG-002
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>ASV:2023:Species:vaginalis
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>ASV:2024:Family:Ruminococcaceae
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>ASV:2025:Genus:Erysipelatoclostridium
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>ASV:2026:Genus:Escherichia/Shigella
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>ASV:2027:Genus:Galbitalea
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>ASV:2028:Genus:Acetanaerobacterium
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>ASV:2029:Order:Bacteroidales
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>ASV:2030:Genus:Haemophilus
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>ASV:2031:Family:Ruminococcaceae
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>ASV:2032:Genus:Parabacteroides
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>ASV:2033:Genus:Flavonifractor
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>ASV:2043:Genus:Peptococcus
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>ASV:2044:Genus:Bacteroides
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GGTAT
>ASV:2045:Family:Lachnospiraceae
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GGGGA
>ASV:2046:Genus:Ruminococcaceae_UCG-013
TACGTAGGTGACAAGCGTTGTCCGGAATTACTGGGTGTAAGGGCGCGTAGGCGGACTGTCAAGTTAGTCTGAAATACC
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>ASV:2047:Genus:Prevotella_2

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>ASV:2048:Genus:Blautia

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>ASV:2049:Genus:Odoribacter

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AATGCATAGATATAACTTAGAACTCCGATAGCGAAGGCAGCTTACCAGACTGTAAGTACGCTGATGCACGAGAGCGGTG
GTAGC

>ASV:2050:Genus:Candidatus_Soleaferrea

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>ASV:2051:Genus:Ruminococcaceae_UCG-014

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>ASV:2052:Genus:Anoxybacillus

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>ASV:2053:Genus:Subdoligranulum

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>ASV:2054:Genus:CAG-56

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>ASV:2055:Species:helvolus/terrae

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>ASV:2056:Species:aestuariatvivens/agarivorans/antarctica/arabiensis/arctica/atlantica/
carrageenovora/chazhmella/citrea/distincta/donghaensis/elyakovii/espejiana/flavipulchra/
ganghwensis/gelatinilytica/gracilis/haloplanktis/hodoensis/issachenkonii/lipolytica/
luteoviolacea/marina/mariniglutinosa/nigrifaciens/paragorgicola/porphyrae/profundi/prydzensis/
shioyasakiensis/spongiae/telluritireducens/tetraodonis/translucida/undina/whanghaensis/
xishaensis

TACGGAGGGTGGCAGCGTTAATCGGAATTACTGGGCGTAAAGCGTACGCAGGCGGTTTGTAAAGCGAGATGTGAAAGCCC
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AAATGCGTAGATATTGAGGAATACCGATGGCGAAGGCGACCACTGGGTCAACACTGACGCTCATGTACGAAAGCGTG
GGGAG

>ASV:2057:Species:harbinensis/lwoffii

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AAATGCGTAGATATTGAGGAATACCGATGGCGAAGGCGACCTTGGCTAATACTGACACTGAGGTACGAAAGCATG
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>ASV:2058:Genus:Merdibacter

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GGAGC

>ASV:2059:Species:delbrueckii

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GAATGCGTAGATATTGGAAGAACACCAAGTGGCGAAGGCGGCTCTCTGGTCTGCAACTGACGCTGAGGCTCGAAAGCATG

GGTAG

>ASV:2060:Genus:Bacteroides

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GAATGCGTAGATATCGGGAGGAACACCAGTGGCGAAGGCGGCTACTGGGCACCAACTGACGCTGAGGCTCGAAAGTGTG
GGTAG

>ASV:2061:Genus:Faecalibacterium

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GAATGCGTAGATATCGGGAGGAACACCAGTGGCGAAGGCGGCTTCTGGGCTCGACTGACGCTGAGGAGCGAAAGCTGG
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>ASV:2062:Genus:Ruminococcaceae_UCG-009

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GAATGCGTAGATATCGGGAGGAACACCAGTGGCGAAGGCGGCTGCTGGACATTAACGACGCTGAGGCGGAAAGCGTG
GGGAG

>ASV:2063:Genus:Agathobacter

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AATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACATAACGACGCTGAGGCTCGAAAGCGTG
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>ASV:2064:Family:Lachnospiraceae

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GGGAG

>ASV:2065:Genus:Bacteroides

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AATGCTTAGATATCACAAGAACTCCGATTGCGAAGGCGGCTTACTGGACTGTAACGACGCTGATGCTCGAAAGTGTG
GGTAT

>ASV:2066:Genus:Ruminococcaceae_UCG-014

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GGGAG

>ASV:2067:Family:Lachnospiraceae

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AATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGTTTTCTGGACGATGACTGACGTTGAGGCTCGAAAGCGTG
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>ASV:2068:Species:aestuarii/agri/jeotgali

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AATGCGTAGAGATTTGGAGGAATACCAGTGGCGAAGGCGGCCCCCTGGCACATACTGACGCTCAGGTGCGAAAGCGTG
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>ASV:2069:Genus:Allisonella

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GGAGC

>ASV:2070:Genus:Faecalibacterium

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GAATGCGTAGATATCGGGAGGAACACTAGTGGCGAAGGCGGCTACTGGGCACCAACTGACGCTGAGGCTCGAAAGTGTG
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>ASV:2071:Genus:Proteiniphilum

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AATGCGTAGATATCACAAGAACACCAGTGGCGAGGCGGCTTACTAAACCATAACTGACGCTCATGCACGAAGGCGGTG
GGGAT

>ASV:2072:Genus:Desulfovibrio

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>ASV:2073:Species:faecis

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>ASV:2074:Family:Lachnospiraceae
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>ASV:2075:Genus:Coproccoccus_3
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>ASV:2079:Species:aureus
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>ASV:2080:Family:Ruminococcaceae
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>ASV:2082:Genus:Ruminococcaceae_UCG-014
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>ASV:2083:Genus:Terrisporobacter
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>ASV:2087:Genus:Butyricimonas
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>ASV:2088:Family:Prevotellaceae
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>ASV:2089:Family:Ruminococcaceae
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>ASV:2090:Genus:Dialister
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>ASV:2091:Genus:Agathobacter
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>ASV:2092:Genus:Ruminococcaceae_UCG-014
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>ASV:2093:Genus:Sutterella
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>ASV:2094:Genus:Mycoplasma
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GGAGC

>ASV:2095:Family:Peptococcaceae
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>ASV:2096:Species:carnosus/condimenti/haemolyticus/piscifermentans/simulans
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GGAT

>ASV:2097:Genus:Staphylococcus
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GGGAT

>ASV:2098:Genus:UC5-1-2E3
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>ASV:2117:Family:Lachnospiraceae

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>ASV:2118:Species:gordonii

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>ASV:2119:Family:Enterobacteriaceae

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>ASV:2120:Genus:Gaiella

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>ASV:2121:Genus:Gaiella

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>ASV:2122:Kingdom:Bacteria

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>ASV:2123:Order:Clostridiales

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>ASV:2124:Genus:Burkholderia-Caballeronia-Paraburkholderia

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>ASV:2125:Genus:Escherichia/Shigella

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>ASV:2126:Genus:Prevotella_9

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>ASV:2127:Genus:Lachnospiraceae_UCG-003

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>ASV:2130:Genus:Anoxybacillus

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>ASV:2137:Family:Lachnospiraceae

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>ASV:2140:Family:Lachnospiraceae

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soli/straminea/taiwanensis
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>ASV:2275:Genus:Pseudomonas
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>ASV:2295:Genus:Sellimonas

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>ASV:2296:Genus:Pygmaibacter

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>ASV:2300:Genus:Parabacteroides

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>ASV:2301:Genus:Alistipes

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>ASV:2302:Genus:Dorea

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>ASV:2303:Family:Ruminococcaceae

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>ASV:2305:Genus:Ruminococcaceae_UCG-005

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>ASV:2332:Genus:Christensenella
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>ASV:2334:Genus:Shuttleworthia
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>ASV:2336:Genus:Sanguibacteroides
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>ASV:2337:Genus:Prevotella_7
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>ASV:2352:Genus:Ruminococcaceae_UCG-010
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>ASV:2358:Genus:Paraprevotella

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>ASV:2359:Genus:Kocuria

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>ASV:2360:Genus:Tepidimonas

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>ASV:2361:Family:Lachnospiraceae

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>ASV:2362:Genus:Ruminiclostridium_5

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>ASV:2364:Species:gravenitzi

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>ASV:2366:Genus:Oscillospira

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>ASV:2367:Genus:Roseburia

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>ASV:2368:Family:Lachnospiraceae

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>ASV:2369:Order:Bacteroidales

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>ASV:2370:Family:Lachnospiraceae

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>ASV:2371:Family:Ruminococcaceae

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>ASV:2372:Genus:Parasutterella

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>ASV:2373:Genus:Roseburia

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>ASV:2374:Family:Ruminococcaceae

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>ASV:2375:Family:Ruminococcaceae

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>ASV:2376:Family:Lachnospiraceae

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>ASV:2377:Genus:Dialister

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>ASV:2378:Genus:Caproiciproducens

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>ASV:2379:Genus:Nubsella

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>ASV:2380:Genus:Acinetobacter

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>ASV:2381:Family:Family_XIII

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>ASV:2382:Family:Ruminococcaceae

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>ASV:2383:Genus:Catabacter

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>ASV:2384:Genus:Bacteroides

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>ASV:2385:Genus:Collinsella

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>ASV:2386:Genus:Eggerthella

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>ASV:2387:Genus:Bacteroides

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>ASV:2388:Genus:Stenotrophomonas

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>ASV:2389:Genus:Coprococcus_2

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>ASV:2390:Family:Enterobacteriaceae

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>ASV:2391:Genus:Bacteroides

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>ASV:2392:Family:Weeksellaceae

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>ASV:2394:Order:Bacteroidales

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>ASV:2395:Family:Ruminococcaceae

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>ASV:2398:Genus:Christensenellaceae_R-7_group

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>ASV:2467:Genus:Parabacteroides

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>ASV:2468:Genus:Parabacteroides

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>ASV:2469:Genus:Christensenellaceae_R-7_group

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>ASV:2470:Family:0319-6G20

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>ASV:2471:Species: durum

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>ASV:2472:Genus:Oscillibacter

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>ASV:2473:Species:brennerae/gaviniae

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>ASV:2474:Genus:Intestinimonas

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>ASV:2475:Species:agaricidamosum/lividum/svalbardensis

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>ASV:2477:Family:Lachnospiraceae

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>ASV:2478:Species:animalis/thermacidophilum/thermophilum

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>ASV:2479:Genus:Bacteroides

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>ASV:2485:Species:mediterraneensis/murdochii

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>ASV:2490:Genus:Ruminococcaceae_UCG-013

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>ASV:2491:Family:Lachnospiraceae

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>ASV:2508:Order:Bacteroidales
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>ASV:2510:Family:Lachnospiraceae
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>ASV:2511:Family:Ruminococcaceae
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>ASV:2512:Genus:Lachnoclostridium
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>ASV:2514:Genus:Christensenellaceae_R-7_group
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>ASV:2519:Family:Ruminococcaceae
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>ASV:2525:Genus:Tyzzerella
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>ASV:2532:Genus:DTU089
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>ASV:2533:Genus:Sellimonas
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>ASV:2534:Family:Ruminococcaceae

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>ASV:2535:Genus:Atlantibacter

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>ASV:2536:Kingdom:Bacteria

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>ASV:2537:Kingdom:Bacteria

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>ASV:2538:Genus:Pseudomonas

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>ASV:2539:Genus:Agathobacter

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>ASV:2540:Genus:Dorea

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>ASV:2541:Family:Peptococcaceae

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>ASV:2542:Genus:Intestinimonas

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>ASV:2543:Genus:Ruminococcaceae_UCG-005

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>ASV:2544:Genus:Ruminococcaceae_UCG-009

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>ASV:2545:Species:acnes/avidum

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>ASV:2546:Family:Xanthobacteraceae

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>ASV:2547:Family:Lachnospiraceae

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>ASV:2548:Genus:Caproiciproducens

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>ASV:2549:Species:faecium/italicus/sulfureus

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>ASV:2550:Family:Ruminococcaceae

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>ASV:2551:Genus:Fournierella

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>ASV:2552:Genus:Hydrogenoanaerobacterium

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>ASV:2553:Order:Mollicutes_RF39

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>ASV:2554:Genus:Erysipelatoclostridium

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>ASV:2555:Genus:Tyzzerella

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>ASV:2556:Genus:Christensenellaceae_R-7_group

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>ASV:2557:Genus:Ruminococcaceae_UCG-014

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>ASV:2558:Genus:Arhodomonas

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>ASV:2559:Genus:Parabacteroides

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>ASV:2560:Genus:Parabacteroides

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>ASV:2561:Species:fairfieldensis

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>ASV:2562:Kingdom:Bacteria

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>ASV:2563:Genus:Barnesiella

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>ASV:2564:Family:Lachnospiraceae

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>ASV:2565:Genus:Erysipelatoclostridium

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>ASV:2566:Genus:Christensenellaceae_R-7_group

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>ASV:2567:Order:Bacteroidales

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>ASV:2568:Class:Subgroup_5

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>ASV:2569:Family:Lachnospiraceae

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>ASV:2570:Order:Rhodospirillales

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>ASV:2571:Family:Lachnospiraceae

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>ASV:2572:Genus:Libanicoccus

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>ASV:2573:Genus:Ruminococcaceae_UCG-005

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>ASV:2574:Species:micra

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>ASV:2575:Genus:Oscillibacter
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>ASV:2576:Family:Ruminococcaceae
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>ASV:2577:Genus:Subdoligranulum
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>ASV:2578:Class:Clostridia
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>ASV:2580:Genus:Ruminococcaceae_UCG-002
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>ASV:2581:Genus:Parabacteroides
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>ASV:2582:Family:Lachnospiraceae
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>ASV:2583:Genus:Roseburia
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>ASV:2584:Kingdom:Bacteria
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>ASV:2587:Genus:Dielma
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>ASV:2588:Kingdom:Bacteria
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>ASV:2601:Family:Ruminococcaceae
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>ASV:2602:Family:Ruminococcaceae

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>ASV:2603:Genus:Blautia

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>ASV:2604:Family:Lachnospiraceae

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>ASV:2605:Genus:Clostridium_sensu_stricto_1

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>ASV:2606:Genus:Bacteroides

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>ASV:2607:Species:turicensis

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>ASV:2608:Family:Ruminococcaceae

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>ASV:2609:Family:Planococcaceae

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>ASV:2610:Family:Muribaculaceae

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>ASV:2611:Family:Lachnospiraceae

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>ASV:2612:Genus:Lachnospiraceae_UCG-010

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>ASV:2613:Family:Lachnospiraceae

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>ASV:2614:Family:Lachnospiraceae

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>ASV:2615:Family:Lachnospiraceae

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>ASV:2616:Genus:Tyzzerella

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>ASV:2617:Genus:GCA-900066225

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>ASV:2618:Genus:Oscillospira

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>ASV:2619:Species:appendicis

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>ASV:2620:Genus:Candidatus_Stoquefichus

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>ASV:2621:Genus:Ruminococcaceae_UCG-013

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>ASV:2622:Genus:Family_XIII_AD3011_group

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>ASV:2623:Species:marinus/muralis/versicolor

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>ASV:2624:Family:Lachnospiraceae

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>ASV:2684:Family:Ruminococcaceae

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>ASV:2685:Genus:Ruminococcaceae_UCG-005

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>ASV:2686:Kingdom:Bacteria

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>ASV:2687:Genus:Bacteroides

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>ASV:2688:Genus:Phascolarctobacterium

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>ASV:2689:Genus:Faecalibacterium

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>ASV:2690:Family:Ruminococcaceae

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>ASV:2691:Genus:Holdemania

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>ASV:2692:Genus:Methanobrevibacter

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>ASV:2693:Order:Bacteroidales

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>ASV:2694:Genus:UBA1819

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>ASV:2695:Family:Lachnospiraceae

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>ASV:2696:Genus:Dorea

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>ASV:2697:Genus:Parabacteroides

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>ASV:2738:Family:Lachnospiraceae

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>ASV:2739:Family:Lachnospiraceae

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>ASV:2740:Kingdom:Bacteria

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GAATGCGTAGATATCGGGAGGAACACCAAGTGGCGAAGGCGCCTACTGGCACCAACTGACGCTGAGGCTCGAAAGGTG
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>ASV:2741:Genus:Victivallis

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GGGAG

>ASV:2742:Family:Lachnospiraceae

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AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGCCTACTGGACTGTAACGACACTGAGGCACGAAAGCGTG
GGGAG

>ASV:2743:Species:antarctica/brenneri/chlororaphis/denitrificans/extremaustralis/fluorescens/
gessardii/marginalis/meridiana/palleroniana/panacis/poae/proteolytica/putida/rhodesiae/veronii

TACAGAGGGTGAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCTAGGTGGTTAGTTAAGTTGGATGTGAAATCCC
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AAATGCGTAGATATAGGAAGGAACACCAAGTGGCGAAGGCGCACCACTGGACTGATACTGACACTGAGGTGCGAAAGCGTG
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>ASV:2744:Genus:UC5-1-2E3

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GGGAG

>ASV:2745:Genus:Oscillibacter

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>ASV:2746:Genus:Blautia

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GGTAG

>ASV:2747:Class:Bacteroidia

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>ASV:2748:Genus:Lachnospira

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>ASV:2749:Genus:Ruminococcus_1

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>ASV:2750:Genus:Anaerostipes

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GGTAT

>ASV:2751:Phylum:Firmicutes

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>ASV:2752:Species:caecimuris/mucosicola

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GGAGC

>ASV:2753:Species:baumannii/populi/radioresistens

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AAATGCGTAGAGATCTGGAGGAATACCGATGGCGAAGGCGACTCTGGCCTAATACTGACGCTGAGGTACGAAAGCATG
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>ASV:2754:Genus:Bacteroides

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GGTAT

>ASV:2755:Family:Lachnospiraceae

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AAATGCATAGATATCACGCAGAATCCGATTGCGAAGGCGACTTACTAAACCATAACTGACACTGAAGCACGAAAGCGTG
GGTAT

>ASV:2756:Family:Lachnospiraceae

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>ASV:2757:Genus:Faecalibacterium

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GAATGCGTAGATATCGGGAGGAACACCGATTGCGAAGGCGGCTACTGGGCACCAACTGACGCTGAGGCTCGAAAGTGTG
GGTAG

>ASV:2758:Family:Rhodobacteraceae

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AAATTCGTAGATATCCGGAGGAACACCGATTGCGAAGGCGGCTACTGGCTCGATACTGACGCTGAGGTGCGAAAGCGTG
GGGAG

>ASV:2759:Genus:Lysinibacillus

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>ASV:2760:Genus:Blautia

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>ASV:2761:Genus:Lachnospiraceae_UCG-001

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AAATGCGTAGATATTAGGAGGAACACCGATTGCGAAGGCGGCTACTGGACGGTAAGTCAACTGACGCTGAGGCTCGAAAGCGTG
GGGAG

>ASV:2762:Family:Lachnospiraceae

TACGTAGGTGGCAAGCGTTGTCCGGAATTAAGGGTGTAAAGGGAGCGCAGGCGGTGCGGCAAGTCTGATGTGAAAGCCC
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AAATGCGTAGATATCACGAAGAATCCGATTGCGAAGGCGACTACTAGACTGCTACTGACACTGATGCTCGAAAGTGTG
GGTAT

>ASV:2763:Family:Lachnospiraceae

TACGTAGGGGGCAAGCGTTATCCGATTTACTGGGTGTAAGGGAGCGTAGGTGGCAATGCAAGCCAGAAGTGAAGCCC
GGGGTAAACCCCGGACTGCTTTTGAAGTGTATAGTGGAGTGTGAGAGGTAAGCGGAATTCCTGGTGTAGCGGTG
GAAATGCGTAGATATCAGGAGGAACACCGGTGGCGAAGGCGGCTTACTGGACAGTAACTGACACTGAGGCTCGAAAGCGTG
GGGGA

>ASV:2764:Family:Ruminococcaceae

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AATGCGTAAATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTACTGGGCTTTAACTGACGCTGAGGCTCGAAAGCGTG
GTAGC

>ASV:2765:Family:Ruminococcaceae

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AAATGCGTAGATATCACGAAGAATCCGATCGCAAGGCATTGTGCCGGGCGAGCACTGACGCTGAGACTCGAAAGTGGC
GGTAT

>ASV:2766:Genus:Christensenellaceae_R-7_group

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>ASV:2767:Class:Bacteroidia

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AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTGCTGGACGACAACGACGCTGAGGCGCAAAAGCGTG
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>ASV:2768:Genus:Ruminiclostridium_9

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>ASV:2769:Family:Ruminococcaceae

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AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTGCTGGGCTTTAACTGACGCTGAGGCTCGAAAGCGTG
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>ASV:2770:Family:Clostridiaceae_1

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AAATGCGTAGAGATTAGGAAGAACACCAAGTGGCGAAGGCGGCTCCTGGGACATAACGACGCTCAGGCACGAAAGCGTG
GGGAG

>ASV:2771:Genus:Ruminococcaceae_UCG-010

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>ASV:2772:Class:Bacteroidia

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>ASV:2773:Family:Lachnospiraceae

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>ASV:2774:Family:Christensenellaceae

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AAATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTTCTGGACTGTAACGACGCTGAGGACGAAAGCGTG
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>ASV:2775:Genus:Subdoligranulum

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>ASV:2776:Family:Ruminococcaceae

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>ASV:2777:Genus:Alistipes

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>ASV:2778:Family:Lachnospiraceae
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>ASV:2779:Family:Clostridiales_vadinBB60_group
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>ASV:2780:Genus:Alistipes
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>ASV:2781:Order:Clostridiales
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>ASV:2782:Family:Bifidobacteriaceae
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>ASV:2783:Genus:Holdemanelle
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>ASV:2784:Genus:Christensenellaceae_R-7_group
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>ASV:2787:Family:Peptostreptococcaceae
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>ASV:2788:Genus:Clostridium_sensu_stricto_1
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>ASV:2789:Genus:Parasutterella
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GGGAG

>ASV:2790:Class:Bacteroidia
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>ASV:2791:Genus:Lachnospiraceae_UCG-006
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>ASV:2910:Family:Lachnospiraceae

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>ASV:2911:Family:Ruminococcaceae

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>ASV:2913:Family:Lachnospiraceae

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>ASV:2915:Genus:Parabacteroides
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>ASV:2916:Genus:Anoxybacillus
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>ASV:2917:Species:nucleatum
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>ASV:2918:Genus:Fastidiosipila
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>ASV:2919:Genus:Parabacteroides
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>ASV:2920:Genus:Ruminococcaceae_UCG-014
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eucrenophila/finlandiensis/hydrophila/intestinalis/jandaei/lacus/media/molluscorum/piscicola/
popoffii/rivipollensis/rivuli/salmonicida/sanarellii/sobria/taiwanensis/tecta/veronii
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>ASV:2923:Family:Ruminococcaceae
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>ASV:2924:Family:Lachnospiraceae
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>ASV:2926:Family:Lachnospiraceae
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>ASV:2929:Family:Lachnospiraceae
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>ASV:2930:Class:Bacteroidia
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>ASV:2931:Order:Bacteroidales
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>ASV:2932:Phylum:Firmicutes
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>ASV:2933:Genus:GCA-900066225
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>ASV:2934:Family:Lachnospiraceae
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>ASV:2935:Family:Ruminococcaceae
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>ASV:2936:Genus:Tyzzerella
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>ASV:2937:Species:vaginalis
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GAATGCTTAGATATCGGGAAGAACACCAGTGGCGAAGGCGGCTCTCTGGGCTGTTACTGACGCTGAGAAGCGAAAGCGTG
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>ASV:2938:Genus:Barnesiella
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>ASV:2939:Family:Muribaculaceae
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>ASV:2940:Genus:Lachnospiraceae_NK4A136_group
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>ASV:2945:Family:Lachnospiraceae
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>ASV:2954:Order:Bacteroidales

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>ASV:2955:Genus:Paraprevotella

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>ASV:2956:Family:Lachnospiraceae

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>ASV:2957:Genus:GCA-900066755

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>ASV:2958:Family:Lachnospiraceae

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>ASV:2959:Genus:Dialister

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>ASV:2960:Genus:Veillonella

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>ASV:2961:Genus:Blautia

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>ASV:2962:Genus:Phascolarctobacterium

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>ASV:2963:Genus:Parabacteroides

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>ASV:2964:Genus:Subdoligranulum

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>ASV:2965:Genus:Subdoligranulum

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>ASV:2966:Family:Christensenellaceae

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>ASV:2967:Genus:Defluviitaleaceae_UCG-011

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>ASV:2997:Family:Lachnospiraceae

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>ASV:2998:Genus:Lachnospira

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>ASV:2999:Family:Ruminococcaceae

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>ASV:3000:Family:Rhodobacteraceae

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>ASV:3001:Species:haemobos

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>ASV:3002:Genus:Anaerofustis

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>ASV:3011:Family:Lachnospiraceae

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>ASV:3013:Genus:Subdoligranulum

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>ASV:3014:Family:Ruminococcaceae

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>ASV:3017:Family:Ruminococcaceae

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>ASV:3019:Family:Carnobacteriaceae

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>ASV:3020:Genus:Ruminococcaceae_UCG-010

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>ASV:3021:Family:Lachnospiraceae

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>ASV:3031:Family:Lachnospiraceae
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>ASV:3091:Genus:Bacteroides
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>ASV:3092:Order:Rhodospirillales
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>ASV:3095:Species:asaccharolytica
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>ASV:3101:Genus:Dielma
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>ASV:3102:Genus:Oscillibacter
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>ASV:3103:Genus:Veillonella
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>ASV:3112:Genus:Staphylococcus
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>ASV:3120:Family:Ruminococcaceae
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>ASV:3131:Family:Ruminococcaceae

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>ASV:3132:Order:Bacteroidales

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>ASV:3133:Family:Lachnospiraceae

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>ASV:3134:Genus:Blautia

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>ASV:3135:Genus:Parabacteroides

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>ASV:3136:Species:stomatis

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>ASV:3137:Family:Bifidobacteriaceae

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>ASV:3138:Kingdom:Bacteria

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>ASV:3139:Genus:Christensenellaceae_R-7_group

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>ASV:3140:Genus:F0332

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>ASV:3141:Genus:Christensenellaceae_R-7_group

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>ASV:3142:Family:Lachnospiraceae

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>ASV:3143:Family:Ruminococcaceae

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>ASV:3145:Order:Bacteroidales

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>ASV:3146:Order:Clostridiales

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>ASV:3147:Genus:Ruminococcaceae_UCG-013

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>ASV:3148:Genus:Phascolarctobacterium

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>ASV:3149:Species:diversum/neglectum/pumilum/vescum

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>ASV:3150:Family:Ruminococcaceae

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>ASV:3151:Family:Lachnospiraceae

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>ASV:3152:Family:Lachnospiraceae

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>ASV:3153:Species:faecalis/faecium

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>ASV:3154:Order:Bacteroidales

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>ASV:3155:Genus:Lachnoclostridium

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>ASV:3156:Family:Lachnospiraceae

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>ASV:3157:Genus:Akkermansia

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>ASV:3158:Kingdom:Bacteria
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>ASV:3160:Genus:Ruminococcaceae_UCG-003
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>ASV:3163:Family:Lachnospiraceae
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>ASV:3165:Genus:Butyricimonas
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>ASV:3166:Genus:Romboutsia
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>ASV:3167:Family:Lachnospiraceae
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>ASV:3168:Genus:Ruminococcaceae_UCG-014
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>ASV:3171:Genus:Christensenellaceae_R-7_group
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>ASV:3177:Family:Ruminococcaceae
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>ASV:3185:Genus:Ruminococcaceae_UCG-013
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>ASV:3186:Family:Ruminococcaceae
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>ASV:3187:Genus:Parabacteroides
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>ASV:3188:Family:Ruminococcaceae
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>ASV:3191:Order:Bacteroidales
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>ASV:3194:Family:Lachnospiraceae
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>ASV:3195:Order:Bacteroidales
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>ASV:3215:Genus:Sphingomonas

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>ASV:3219:Species:sanguinegens

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>ASV:3220:Genus:Mogibacterium

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>ASV:3221:Family:Ruminococcaceae

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>ASV:3222:Genus:Lachnospiraceae_NK4A136_group

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>ASV:3224:Family:Lachnospiraceae

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>ASV:3225:Genus:Christensenellaceae_R-7_group

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>ASV:3240:Genus:Ruminococcaceae_UCG-002

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>ASV:3242:Genus:Anaerostipes

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>ASV:3246:Genus:Coproccoccus_3

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>ASV:3248:Genus:Granulicatella

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>ASV:3252:Order:Bacteroidales

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>ASV:3267:Family:Ruminococcaceae

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>ASV:3268:Kingdom:Bacteria

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>ASV:3269:Genus:Dialister

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GGAGC

>ASV:3270:Species:bergensis

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>ASV:3271:Family:Lachnospiraceae

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>ASV:3272:Family:Prevotellaceae

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>ASV:3273:Family:Ruminococcaceae

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>ASV:3274:Family:Lachnospiraceae

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>ASV:3275:Order:Bacteroidales

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>ASV:3276:Genus:Ruminococcaceae_UCG-009

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>ASV:3277:Family:Lachnospiraceae

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>ASV:3278:Class:Bacteroidia

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>ASV:3279:Kingdom:Bacteria

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>ASV:3280:Genus:Bifidobacterium
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>ASV:3281:Species:curvus
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>ASV:3282:Genus:Pseudoscardovia
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>ASV:3283:Species:lactolyticus
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>ASV:3284:Kingdom:Bacteria
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>ASV:3285:Genus:Bacteroides
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>ASV:3286:Genus:Family_XIII_UCG-001
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>ASV:3287:Species:rubra
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>ASV:3289:Species:stearothermophilus
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>ASV:3290:Family:Lachnospiraceae
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>ASV:3291:Family:Lachnospiraceae
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GGTAG

>ASV:3292:Genus:Anaerofilum
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>ASV:3293:Family:Ruminococcaceae
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>ASV:3294:Phylum:Firmicutes
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>ASV:3303:Family:Ruminococcaceae
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>ASV:3305:Family:Lachnospiraceae
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>ASV:3307:Genus:Parabacteroides

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>ASV:3308:Genus:Subdoligranulum

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>ASV:3309:Family:Ruminococcaceae

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>ASV:3310:Family:Lachnospiraceae

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>ASV:3311:Genus:Marvinbryantia

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>ASV:3312:Class:Bacteroidia

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>ASV:3313:Family:Ruminococcaceae

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>ASV:3314:Species:hominis

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>ASV:3315:Genus:Olsenella

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>ASV:3316:Phylum:Firmicutes

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>ASV:3317:Genus:Bacteroides

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>ASV:3318:Genus:Ruminococcaceae_UCG-005

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>ASV:3319:Order:Bacteroidales

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>ASV:3320:Family:Lachnospiraceae

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>ASV:3321:Genus:Lachnospiraceae_NK4A136_group

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>ASV:3322:Genus:Alistipes

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>ASV:3323:Order:Bacteroidales

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>ASV:3324:Genus:Prevotella_9

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>ASV:3325:Family:Ruminococcaceae

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>ASV:3326:Genus:Achromobacter

TACGTAGGGTGGCAAGCGTTAATCCGAACTTACTGGGCGTAAAGCGTGCAGGCGGTTTCGAAAAGAAAGATGTAAAATCCC
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>ASV:3327:Species:inhibens

TACGTAGGTGGCAAGCGTTGTCCGGATTTATTGGGCGTAAAGCGAGCGAGGCGGTTTTTTAAGTCTGATGTAAAAGCCC
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>ASV:3328:Order:Clostridiales

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>ASV:3329:Family:Lachnospiraceae

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>ASV:3330:Family:Lachnospiraceae

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>ASV:3331:Family:Lachnospiraceae

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>ASV:3332:Genus:Ruminococcaceae_UCG-013

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>ASV:3333:Family:Lachnospiraceae

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>ASV:3334:Family:Burkholderiaceae

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>ASV:3335:Genus:Subdoligranulum
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>ASV:3336:Family:Lachnospiraceae
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>ASV:3337:Order:Bacteroidales
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>ASV:3338:Family:Lachnospiraceae
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>ASV:3339:Family:Lachnospiraceae
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>ASV:3340:Genus:Blautia
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>ASV:3341:Family:Ruminococcaceae
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>ASV:3342:Family:Lachnospiraceae
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>ASV:3343:Family:Ruminococcaceae
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>ASV:3344:Family:Burkholderiaceae
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>ASV:3345:Order:Bacteroidales
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>ASV:3346:Order:Bacteroidales
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>ASV:3347:Genus:Ruminococcaceae_UCG-013
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>ASV:3348:Genus:GCA-900066225
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GTAGC

>ASV:3349:Genus:Alistipes
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>ASV:3350:Kingdom:Bacteria
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>ASV:3351:Genus:Butyricicoccus
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GGGAG

>ASV:3352:Class:Bacteroidia
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>ASV:3353:Genus:Lachnospiraceae_FC5020_group
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>ASV:3354:Order:Armatimonadales
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>ASV:3357:Genus:Dialister
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>ASV:3358:Genus:Bacteroides
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>ASV:3359:Species:acidophilus/amylovorus/ultunensis
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>ASV:3360:Family:Lachnospiraceae
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>ASV:3361:Genus:Alistipes
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>ASV:3373:Family:Lachnospiraceae
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>ASV:3375:Family:Ruminococcaceae

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>ASV:3376:Genus:Barnesiella

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>ASV:3377:Genus:Roseburia

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>ASV:3378:Genus:Paraprevotella

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>ASV:3379:Genus:Bacteroides

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>ASV:3380:Family:Ruminococcaceae

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>ASV:3381:Genus:Subdoligranulum

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>ASV:3382:Genus:Subdoligranulum

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>ASV:3383:Order:Bacteroidales

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>ASV:3384:Genus:Butyricimonas

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GTAGC

>ASV:3385:Genus:Pantoea

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>ASV:3386:Genus:Bacteroides

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>ASV:3387:Family:Fusobacteriaceae

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>ASV:3388:Genus:Alistipes

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>ASV:3403:Genus:Christensenellaceae_R-7_group

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>ASV:3406:Genus:Alistipes

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>ASV:3411:Order:Bacteroidales

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>ASV:3445:Family:Lachnospiraceae

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GGGA

>ASV:3446:Genus:Anaerostipes

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>ASV:3447:Genus:DTU089

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GGTAT

>ASV:3448:Species:profusa

TACGTAGGGGGCGAGCGTTATCCGGATTCATTGGGCGTAAAGCGCGCTAGGCGGCTGCTAGGTCGGGAGTCAAATCCG
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>ASV:3449:Genus:Family_XIII_AD3011_group

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>ASV:3450:Family:Lachnospiraceae

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>ASV:3451:Genus:GCA-900066575

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>ASV:3452:Genus:Odobacter

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>ASV:3453:Class:Bacteroidia

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>ASV:3454:Order:Clostridiales

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AAATGCGTAGATATTGGGAGGAACACCAGTGGCGAAGGCGACTTGTGGCCGCAACTGACGCTGAGGCACGAAAGCGTG
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>ASV:3455:Genus:Ruminococcaceae_UCG-013

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTCTGGACCGTAACTGACGCTGAGGCGCAAAGTGTG
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>ASV:3456:Family:Ruminococcaceae

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>ASV:3457:Genus:Ruminococcaceae_UCG-014

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>ASV:3458:Genus:Intestinimonas

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>ASV:3459:Genus:Lachnoclostridium

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>ASV:3460:Family:Lachnospiraceae

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>ASV:3461:Genus:Lachnospiraceae_ND3007_group

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GGTAT

>ASV:3462:Family:Ruminococcaceae

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>ASV:3463:Genus:Ruminiclostridium_9

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GGGAG

>ASV:3464:Family:Lachnospiraceae

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTACTGGACTGTAAGTACGCTTGGAGCTCGAAAGCGTG
GGGAG

>ASV:3465:Family:Lachnospiraceae

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GGGAG

>ASV:3466:Genus:Alistipes

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>ASV:3467:Genus:Alistipes

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GAATGCGTAGATATCGGGAGGAACACCAGTGGCGAAGGCGGCTACTGGGCACCAACTGACGCTGAGGCTCGAAAGCATG
GGTAG

>ASV:3468:Genus:Lachnospiraceae_UCG-004

TACGTAGGGGGCAAGCGTTATCCGGATTTACTGGGTGTAAGGGGAGCTAGACGGCGGCGCAAGTCTGAAGTAAAATACC
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>ASV:3469:Genus:Alistipes

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>ASV:3470:Genus:GCA-900066575

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>ASV:3471:Family:Lachnospiraceae

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GGTAT

>ASV:3472:Family:Ruminococcaceae

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>ASV:3473:Species:buccae/denticola

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>ASV:3474:Family:Ruminococcaceae

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>ASV:3475:Order:Bacteroidales

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>ASV:3476:Genus:GCA-900066755

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GGTAT

>ASV:3477:Family:Ruminococcaceae

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GGTAT

>ASV:3478:Genus:Ruminococcaceae_UCG-010

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>ASV:3479:Genus:Intestinimonas

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>ASV:3480:Genus:Desulfovibrio

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>ASV:3481:Order:Mollicutes_RF39

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>ASV:3482:Family:Lachnospiraceae

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>ASV:3483:Kingdom:Bacteria

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>ASV:3484:Class:Bacteroidia
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>ASV:3485:Genus:Shuttleworthia
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>ASV:3486:Family:Lachnospiraceae
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>ASV:3487:Genus:Chryseobacterium
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>ASV:3488:Order:Lactobacillales
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>ASV:3489:Family:Lachnospiraceae
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>ASV:3490:Genus:Acidaminococcus
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>ASV:3491:Order:Bacteroidales
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>ASV:3492:Species:lenta
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>ASV:3493:Genus:Intestinimonas
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>ASV:3494:Genus:Sutterella
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>ASV:3495:Family:Family_XIII
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>ASV:3496:Species:haifense
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>ASV:3497:Species:carotinifaciens/gahaiensis/haeundaensis/marcusii
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GGAG
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>ASV:3499:Family:Family_XIII
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>ASV:3500:Order:Clostridiales
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>ASV:3580:Genus:Lachnospiraceae_FCS020_group

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>ASV:3582:Genus:Lachnospiraceae_UCG-004

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>ASV:3585:Genus:Ruminococcaceae_UCG-010

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>ASV:3589:Genus:Alistipes

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>ASV:3590:Order:Clostridiales

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>ASV:3648:Family:Ruminococcaceae

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>ASV:3649:Family:Lachnospiraceae

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>ASV:3650:Genus:Lachnospiraceae_UCG-010

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>ASV:3651:Genus:Family_XIII_UCG-001

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>ASV:3652:Family:Lachnospiraceae

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>ASV:3653:Species:massiliensis/urinimassiliensis

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>ASV:3655:Family:Muribaculaceae

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>ASV:3656:Family:Lachnospiraceae

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>ASV:3660:Family:Lachnospiraceae

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>ASV:3663:Genus:GCA-900066755

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>ASV:3665:Family:Pasteurellaceae

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>ASV:3666:Family:Ruminococcaceae

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>ASV:3667:Family:Ruminococcaceae

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>ASV:3668:Genus:Anaerotruncus

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>ASV:3669:Genus:Gemmatirosa

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>ASV:3670:Family:Ruminococcaceae

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>ASV:3671:Family:Lachnospiraceae

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>ASV:3673:Species:ureolyticus

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>ASV:3674:Order:Lactobacillales

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>ASV:3677:Genus:Ruminiclostridium_5

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>ASV:3678:Genus:Alistipes

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>ASV:3679:Family:Lachnospiraceae

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>ASV:3681:Genus:Lachnoclostridium

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>ASV:3682:Genus:Ruminiclostridium_9

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>ASV:3683:Kingdom:Bacteria

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>ASV:3684:Genus:Christensenellaceae_R-7_group

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>ASV:3685:Family:Clostridiales_vadinBB60_group

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>ASV:3686:Species:concisus

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>ASV:3687:Genus:Desulfovibrio

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>ASV:3688:Kingdom:Bacteria
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>ASV:3691:Family:Clostridiales_vadinBB60_group
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>ASV:3700:Family:Lachnospiraceae
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>ASV:3701:Genus:Veillonella
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>ASV:3714:Family:Lachnospiraceae
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>ASV:3716:Order:Bacteroidales

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>ASV:3717:Order:Lactobacillales

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>ASV:3718:Order:Clostridiales

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>ASV:3719:Family:Lachnospiraceae

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>ASV:3720:Family:Lachnospiraceae

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>ASV:3721:Genus:Intestinimonas

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>ASV:3722:Genus:Lactonifactor

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>ASV:3724:Family:Lachnospiraceae

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>ASV:3725:Genus:Marvinbryantia

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>ASV:3727:Phylum:Firmicutes

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>ASV:3728:Genus:Sellimonas

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>ASV:3729:Order:Bacteroidales

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>ASV:3730:Order:Clostridiales

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>ASV:3731:Family:Lachnospiraceae

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>ASV:3732:Order:Bacteroidales

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>ASV:3733:Order:Bacteroidales

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>ASV:3734:Species:coli

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>ASV:3735:Genus:Bacteroides

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>ASV:3736:Kingdom:Bacteria

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>ASV:3737:Family:Ruminococcaceae

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>ASV:3738:Genus:Cosenzaea

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>ASV:3739:Family:Ruminococcaceae

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>ASV:3740:Family:Lachnospiraceae

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>ASV:3741:Genus:Akkermansia

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>ASV:3742:Genus:Sellimonas

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>ASV:3743:Genus:UC5-1-2E3

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>ASV:3744:Genus:W5053

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>ASV:3745:Family:Ruminococcaceae

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>ASV:3746:Family:Lachnospiraceae

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>ASV:3747:Order:Bacteroidales

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>ASV:3748:Order:Bacteroidales

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>ASV:3749:Genus:Hungatella

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>ASV:3750:Genus:Eggerthella

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>ASV:3751:Genus:Family_XIII_AD3011_group

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>ASV:3752:Order:Bacteroidales

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>ASV:3753:Order:Clostridiales

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>ASV:3754:Genus:Oscillibacter

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>ASV:3755:Order:Selenomonadales

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>ASV:3756:Genus:Holdemania
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>ASV:3757:Genus:Agathobacter
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>ASV:3758:Genus:GCA-900066225
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GTAGC

>ASV:3759:Genus:Alistipes
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>ASV:3760:Genus:Bacteroides
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>ASV:3761:Family:Ruminococcaceae
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>ASV:3762:Genus:Ruminococcaceae_UCG-013
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>ASV:3763:Family:Lachnospiraceae
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>ASV:3764:Genus:Lachnospiraceae_FCS020_group
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>ASV:3765:Species:coquinae/psychrophilus
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>ASV:3766:Genus:Granulicatella
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>ASV:3767:Family:Ruminococcaceae
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>ASV:3768:Genus:Anaerofilum
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>ASV:3769:Genus:Lachnospiraceae_UCG-004
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>ASV:3797:Genus:Alistipes

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>ASV:3798:Family:Peptococcaceae

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>ASV:3799:Genus:Parabacteroides

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>ASV:3800:Order:Clostridiales

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>ASV:3801:Kingdom:Bacteria

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GGTAT

>ASV:3802:Kingdom:Bacteria

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>ASV:3803:Family:Bifidobacteriaceae

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>ASV:3804:Kingdom:Bacteria

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>ASV:3805:Species:newyorkensis

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>ASV:3806:Order:Clostridiales

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>ASV:3807:Genus:Phoceae

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>ASV:3809:Family:Fusobacteriaceae

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>ASV:3810:Family:Ruminococcaceae

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>ASV:3811:Genus:Ruminococcus_1

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>ASV:3815:Genus:Bacteroides
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>ASV:3820:Genus:Lachnospira
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>ASV:3821:Species:argenteratense/sputi
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>ASV:3822:Genus:Angelakisella
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>ASV:3824:Family:Ruminococcaceae
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>ASV:3825:Genus:UBA1819
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>ASV:3826:Genus:Lachnospiraceae_UCG-010
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>ASV:3827:Family:Fusobacteriaceae
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>ASV:3828:Genus:Bacteroides
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>ASV:3829:Genus:Dorea
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>ASV:3830:Family:Lachnospiraceae
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>ASV:3831:Family:Ruminococcaceae
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>ASV:3832:Genus:Ruminiclostridium_5
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>ASV:3834:Genus:Bacteroides
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>ASV:3835:Species:cadaveris
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>ASV:3836:Family:Ruminococcaceae
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>ASV:3837:Genus:Ruminococcaceae_UCG-004
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>ASV:3839:Species:anthropi/grignonense/pituitosum/pseudogrignonense
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>ASV:3840:Genus:Parvimonas
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>ASV:3842:Order:Bacteroidales
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>ASV:3843:Genus:Peptoniphilus
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>ASV:3851:Family:Ruminococcaceae
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>ASV:3853:Species:massiliensis

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>ASV:3854:Genus:Bacteroides

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>ASV:3855:Family:Ruminococcaceae

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>ASV:3856:Genus:Erysipelatoclostridium

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>ASV:3857:Order:Clostridiales

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>ASV:3858:Family:Bifidobacteriaceae

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>ASV:3859:Species:indoligenes

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>ASV:3860:Order:Bacteroidales

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>ASV:3861:Kingdom:Bacteria

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>ASV:3862:Genus:Angelakisella

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>ASV:3863:Genus:Blautia

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>ASV:3864:Kingdom:Bacteria

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>ASV:3865:Genus:Christensenellaceae_R-7_group

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>ASV:3880:Family:Christensenellaceae

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>ASV:3881:Order:Bacteroidales

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>ASV:3882:Genus:Intestinibacter

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>ASV:3883:Family:Lachnospiraceae

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>ASV:3885:Genus:Lachnospiraceae_UCG-010

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>ASV:3886:Family:Muribaculaceae

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>ASV:3887:Genus:Dialister

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>ASV:3921:Genus:Erysipelotrichaceae_UCG-004

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>ASV:3922:Family:Ruminococcaceae

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>ASV:3923:Species:animalis/apodemi/crispatus/faecis/murinus

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>ASV:3924:Genus:Intestinimonas

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>ASV:3925:Genus:Leptotrichia

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>ASV:3926:Genus:Moryella

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>ASV:3928:Genus:Oscillospira

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>ASV:3929:Genus:Ruminococcaceae_UCG-014

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>ASV:3930:Genus:Alistipes

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>ASV:3931:Family:Ruminococcaceae

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>ASV:3932:Genus:Megasphaera

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>ASV:3933:Genus:Lactobacillus

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>ASV:3948:Family:Ruminococcaceae

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>ASV:3950:Genus:Oscillibacter

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>ASV:3952:Family:Pasteurellaceae

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>ASV:3953:Phylum:Firmicutes

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>ASV:3954:Order:Clostridiales

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>ASV:3957:Order:Clostridiales

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>ASV:3958:Family:Ruminococcaceae

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>ASV:3959:Genus:Granulicatella

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>ASV:3960:Family:Lachnospiraceae

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>ASV:3966:Genus:Christensenellaceae_R-7_group
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>ASV:3971:Family:Lachnospiraceae
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>ASV:3991:Family:Lachnospiraceae

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>ASV:3997:Genus:Dialister

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>ASV:3998:Genus:Anaerofilum

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>ASV:3999:Genus:Fusobacterium

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>ASV:4002:Family:Lachnospiraceae

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>ASV:4003:Genus:Ruminococcaceae_UCG-005

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>ASV:4099:Genus:Parasporobacterium
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>ASV:4125:Family:Ruminococcaceae

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>ASV:4126:Family:Ruminococcaceae

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>ASV:4127:Family:Streptococcaceae

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>ASV:4128:Family:Lachnospiraceae

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>ASV:4132:Genus:Ruminiclostridium_5

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>ASV:4153:Family:Ruminococcaceae

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>ASV:4155:Genus:Butyricicoccus

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>ASV:4156:Genus:Anaerostipes

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>ASV:4157:Family:Lachnospiraceae

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>ASV:4158:Genus:Lachnospiraceae_FCS020_group

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>ASV:4159:Order:Bacteroidales

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>ASV:4160:Family:Lachnospiraceae

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>ASV:4161:Family:Clostridiales_vadinBB60_group

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>ASV:4163:Genus:Dielma

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>ASV:4164:Genus:Hydrogenoanaerobacterium

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>ASV:4165:Family:Lachnospiraceae
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>ASV:4167:Genus:Parabacteroides
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>ASV:4170:Genus:Acidaminococcus
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>ASV:4172:Family:Lachnospiraceae
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>ASV:4175:Family:Ruminococcaceae
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>ASV:4178:Genus:Gemella
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>ASV:4274:Order:Bacteroidales

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>ASV:4275:Genus:Libanicoccus

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>ASV:4276:Genus:Sneathia

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>ASV:4277:Family:Lachnospiraceae

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>ASV:4278:Family:Lachnospiraceae

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>ASV:4279:Genus:Ruminococcaceae_NK4A214_group

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>ASV:4280:Family:Family_XIII

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>ASV:4281:Class:Bacteroidia

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>ASV:4282:Genus:Prevotella_7

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>ASV:4283:Order:Clostridiales

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>ASV:4284:Genus:Lachnospiraceae_ND3007_group

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>ASV:4285:Family:Ruminococcaceae

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>ASV:4286:Genus:Mycoplasma

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>ASV:4287:Family:Eggerthellaceae

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>ASV:4288:Species:nucleatum

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>ASV:4289:Species:subterminale

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>ASV:4290:Genus:Lachnospiraceae_UCG-010

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>ASV:4291:Genus:GCA-900066575

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>ASV:4292:Kingdom:Bacteria

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>ASV:4293:Order:Clostridiales

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>ASV:4294:Genus:Bacteroides

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>ASV:4295:Genus:Oscillospira

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>ASV:4296:Family:Ruminococcaceae

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>ASV:4297:Genus:Prevotellaceae_Ga6A1_group

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>ASV:4298:Genus:Ruminococcaceae_UCG-010

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>ASV:4299:Genus:Ruminococcaceae_NK4A214_group

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>ASV:4300:Genus:Roseburia

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>ASV:4301:Family:Lachnospiraceae
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>ASV:4302:Genus:Anaerofilum
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>ASV:4303:Family:Lachnospiraceae
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>ASV:4304:Family:Lachnospiraceae
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>ASV:4305:Genus:Ruminococcaceae_UCG-013
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>ASV:4306:Genus:Christensenellaceae_R-7_group
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>ASV:4307:Family:Ruminococcaceae
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>ASV:4308:Kingdom:Bacteria
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>ASV:4312:Genus:Anaerostipes
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>ASV:4314:Family:Lachnospiraceae
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>ASV:4345:Genus:Ruminococcaceae_UCG-014

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>ASV:4349:Family:Lachnospiraceae

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>ASV:4351:Genus:Dorea

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>ASV:4354:Family:Ruminococcaceae

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>ASV:4356:Family:Ruminococcaceae

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>ASV:4357:Genus:Ruminococcaceae_UCG-011

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>ASV:4358:Family:Ruminococcaceae

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>ASV:4359:Genus:Alistipes

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>ASV:4361:Family:Ruminococcaceae

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>ASV:4363:Order:Rhodospirillales

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>ASV:4364:Family:Lachnospiraceae

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>ASV:4365:Family:Lachnospiraceae

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>ASV:4366:Family:Ruminococcaceae

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>ASV:4367:Genus:Ruminococcaceae_UCG-010

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>ASV:4465:Species:wenyonii

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>ASV:4477:Genus:Oscillibacter

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>ASV:4541:Kingdom:Bacteria
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>ASV:4542:Kingdom:Bacteria
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>ASV:4545:Phylum:Firmicutes
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>ASV:4546:Family:Lachnospiraceae

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>ASV:4547:Genus:Bacteroides

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>ASV:4548:Order:Bacteroidales

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>ASV:4549:Genus:Butyricimonas

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>ASV:4550:Family:Lachnospiraceae

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>ASV:4551:Genus:Ruminococcaceae_UCG-013

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>ASV:4552:Genus:Parabacteroides

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>ASV:4553:Genus:Bacteroides

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>ASV:4554:Family:Fusobacteriaceae

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>ASV:4555:Genus:Oscillospira

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>ASV:4556:Family:Neisseriaceae

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>ASV:4557:Species:gambrini/massiliae/stagni

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>ASV:4558:Order:Bacteroidales

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>ASV:4559:Species:aquatica

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>ASV:4560:Family:Lachnospiraceae

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>ASV:4561:Genus:Moryella

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>ASV:4562:Family:Ruminococcaceae

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>ASV:4563:Phylum:Firmicutes

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>ASV:4564:Family:Lachnospiraceae

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>ASV:4565:Phylum:Firmicutes

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>ASV:4566:Family:Lachnospiraceae

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>ASV:4567:Genus:DTU089

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>ASV:4568:Genus:Ruminococcaceae_UCG-002

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>ASV:4569:Genus:Bacteroides

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>ASV:4570:Genus:Caproiciproducens

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>ASV:4571:Family:Lachnospiraceae

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>ASV:4572:Genus:Blautia

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>ASV:4573:Family:Burkholderiaceae
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>ASV:4574:Family:Bifidobacteriaceae
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>ASV:4575:Phylum:Proteobacteria
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>ASV:4576:Phylum:Firmicutes
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>ASV:4577:Genus:Granulicatella
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>ASV:4578:Genus:Lachnospiraceae_UCG-010
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>ASV:4579:Family:Christensenellaceae
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>ASV:4580:Genus:Ruminococcaceae_UCG-005
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>ASV:4581:Order:Clostridiales
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>ASV:4582:Family:Lachnospiraceae
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>ASV:4583:Family:Ruminococcaceae
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>ASV:4584:Family:Ruminococcaceae
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>ASV:4585:Genus:Peptoniphilus
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>ASV:4586:Family:Erysipelotrichaceae
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>ASV:4588:Kingdom:Bacteria
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>ASV:4596:Family:Lachnospiraceae
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>ASV:4600:Order:Clostridiales

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>ASV:4601:Family:Lachnospiraceae

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>ASV:4602:Family:Lachnospiraceae

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GGTAT

>ASV:4603:Family:Lachnospiraceae

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGGTCAATGACGCTGAGGCTCGAAAGTGTG
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>ASV:4604:Genus:Oscillospira

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>ASV:4605:Genus:Butyricicoccus

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>ASV:4606:Genus:Adlercreutzia

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>ASV:4607:Order:Clostridiales

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>ASV:4608:Family:Rikenellaceae

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GGTAT

>ASV:4609:Kingdom:Bacteria

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>ASV:4610:Family:Ruminococcaceae

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>ASV:4611:Class:Bacteroidia

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>ASV:4612:Family:Ruminococcaceae

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>ASV:4613:Class:Bacteroidia

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>ASV:4614:Genus:Porphyrobacter

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>ASV:4615:Genus:Negativibacillus

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>ASV:4616:Genus:DNF00809

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>ASV:4617:Family:Lachnospiraceae

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>ASV:4618:Genus:Eisenbergiella

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>ASV:4619:Genus:Parabacteroides

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>ASV:4620:Family:Lachnospiraceae

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>ASV:4621:Class:Bacteroidia

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>ASV:4622:Family:Ruminococcaceae

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>ASV:4623:Phylum:Firmicutes

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>ASV:4624:Family:Peptostreptococcaceae

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>ASV:4625:Family:Lachnospiraceae

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>ASV:4626:Genus:Phoceia

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>ASV:4627:Family:Burkholderiaceae

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>ASV:4628:Family:Saccharimonadaceae

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TGAAATCCGTAGATATAAGAAGGAACACCGATGGCGTAGGCAGGTGACTGGACCATTCTGACGCTAAGGCACGAAAGCG
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>ASV:4629:Genus:Phreatobacter

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>ASV:4630:Family:Lachnospiraceae

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>ASV:4631:Family:Ruminococcaceae

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>ASV:4632:Family:Lachnospiraceae

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>ASV:4633:Genus:Megamonas

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>ASV:4634:Genus:Dialister

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>ASV:4635:Family:Lachnospiraceae

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>ASV:4636:Family:Lachnospiraceae

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GGTAT

>ASV:4637:Family:Ruminococcaceae

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>ASV:4638:Genus:Collinsella

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>ASV:4639:Genus:Cuneatibacter

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>ASV:4640:Genus:Veillonella

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>ASV:4641:Genus:Roseburia
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>ASV:4643:Family:Ruminococcaceae
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>ASV:4644:Family:Family_XI
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>ASV:4646:Genus:Alistipes
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>ASV:4654:Family:Christensenellaceae
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>ASV:4669:Genus:Erysipelatoclostridium

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>ASV:4670:Family:Lachnospiraceae

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>ASV:4671:Genus:Paraprevotella

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>ASV:4672:Genus:Ralstonia

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>ASV:4673:Genus:Christensenellaceae_R-7_group

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>ASV:4674:Family:Christensenellaceae

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>ASV:4675:Genus:Christensenellaceae_R-7_group

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>ASV:4676:Family:Ruminococcaceae

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>ASV:4677:Family:Ruminococcaceae

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>ASV:4678:Family:Ruminococcaceae

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>ASV:4679:Family:Lachnospiraceae

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>ASV:4680:Genus:Butyricimonas

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>ASV:4681:Genus:Angelakisella

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>ASV:4709:Family:Ruminococcaceae
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>ASV:4720:Kingdom:Bacteria
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>ASV:4737:Family:Lachnospiraceae

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>ASV:4738:Genus:Angelakisella

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>ASV:4739:Family:Lachnospiraceae

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>ASV:4740:Genus:Lactonifactor

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>ASV:4741:Phylum:Firmicutes

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>ASV:4742:Family:Lachnospiraceae

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>ASV:4743:Kingdom:Bacteria

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>ASV:4744:Genus:Oribacterium

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>ASV:4746:Family:Enterobacteriaceae

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>ASV:4747:Family:Ruminococcaceae

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>ASV:4748:Family:Lachnospiraceae

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>ASV:4749:Family:Peptococcaceae

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>ASV:4751:Genus:Eisenbergiella

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>ASV:4752:Kingdom:Bacteria

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>ASV:4753:Family:Enterobacteriaceae

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>ASV:4755:Family:Ruminococcaceae

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>ASV:4756:Genus:Anaerofilum

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>ASV:4757:Species:agalactiae/pyogenes

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>ASV:4758:Genus:Subdoligranulum

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>ASV:4759:Kingdom:Bacteria

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>ASV:4760:Genus:Allisonella

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>ASV:4761:Genus:Brachybacterium

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>ASV:4762:Genus:Butyricicoccus

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>ASV:4763:Family:Peptococcaceae

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>ASV:4805:Family:Lachnospiraceae

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>ASV:4807:Genus:Ralstonia

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>ASV:4808:Genus:Flavonifractor

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>ASV:4810:Genus:Turicibacter

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>ASV:4811:Genus:Oscillibacter

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>ASV:4812:Genus:Clostridium_sensu_stricto_1

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>ASV:4814:Genus:Tyzzerella

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>ASV:4815:Family:Gemmataceae

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>ASV:4819:Family:Ruminococcaceae

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>ASV:4821:Family:Lachnospiraceae

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>ASV:4822:Family:Ruminococcaceae

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>ASV:4823:Family:Lachnospiraceae

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>ASV:4824:Family:Lachnospiraceae

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>ASV:4827:Family:Bifidobacteriaceae

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>ASV:4828:Family:Ruminococcaceae

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>ASV:4829:Family:Ruminococcaceae

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>ASV:4831:Family:Lachnospiraceae

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>ASV:4832:Genus:Ruminococcaceae_NK4A214_group

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>ASV:4833:Family:Lachnospiraceae

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>ASV:4834:Genus:Bacteroides

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>ASV:4835:Family:Bifidobacteriaceae

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>ASV:4836:Genus:Actinomyces

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>ASV:4837:Genus:Holdemanelia

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>ASV:4838:Genus:Ohtaekwangia

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>ASV:4839:Family:Ruminococcaceae

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>ASV:4840:Genus:Azonexus

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>ASV:4842:Family:Ruminococcaceae

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>ASV:4843:Family:Lachnospiraceae

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>ASV:4844:Family:Ruminococcaceae

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>ASV:4850:Family:Ruminococcaceae
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>ASV:4886:Species:cinnamea/maris/papillomatosis

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>ASV:4887:Genus:Lactobacillus

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>ASV:4888:Genus:Dorea

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>ASV:4890:Family:Ruminococcaceae

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>ASV:4891:Genus:Bacteroides

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>ASV:4892:Family:Ruminococcaceae

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>ASV:4893:Genus:Mogibacterium

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>ASV:4894:Family:Acidaminococcaceae

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>ASV:4895:Phylum:Firmicutes

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>ASV:4896:Family:Ruminococcaceae

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>ASV:4897:Genus:UBA1819

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>ASV:4898:Genus:Holdemania

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>ASV:4899:Genus:Fournierella

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>ASV:4900:Order:Bacteroidales

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>ASV:4901:Order:Bacteroidales

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>ASV:4902:Genus:Anaerotruncus

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>ASV:4903:Genus:Ruminococcaceae_UCG-013

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>ASV:4904:Family:Lachnospiraceae

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>ASV:4905:Genus:Odoribacter

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>ASV:4906:Family:Ruminococcaceae

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>ASV:4907:Family:Lachnospiraceae

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>ASV:4908:Kingdom:Bacteria

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>ASV:4909:Order:Bacteroidales

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>ASV:4910:Genus:Prevotella_6

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>ASV:4911:Phylum:Firmicutes

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>ASV:4912:Family:Lachnospiraceae

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>ASV:4913:Genus:Roseburia
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>ASV:4914:Species:catenulatus/idriensis/indicus/pumilus
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>ASV:4916:Genus:Bacteroides
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>ASV:4917:Genus:Streptococcus
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>ASV:4918:Genus:Butyricicoccus
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>ASV:4920:Family:Lachnospiraceae
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>ASV:4955:Genus:Anaerofilum

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>ASV:4956:Family:Ruminococcaceae

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>ASV:4958:Family:Ruminococcaceae

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>ASV:4959:Family:Ruminococcaceae

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>ASV:4969:Genus:Alistipes

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>ASV:4971:Family:Ruminococcaceae

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>ASV:4972:Genus:Ruminococcaceae_UCG-003

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>ASV:4973:Family:Lachnospiraceae

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>ASV:4976:Family:Muribaculaceae

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>ASV:4977:Genus:Odoribacter

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>ASV:5069:Genus:Ruminococcaceae_UCG-010
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>ASV:5070:Family:Lachnospiraceae
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>ASV:5071:Family:Ruminococcaceae
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>ASV:5072:Genus:Succinispira
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>ASV:5076:Family:Family_XIII

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>ASV:5077:Family:Ruminococcaceae

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>ASV:5078:Genus:Family_XIII_AD3011_group

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>ASV:5079:Order:Clostridiales

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>ASV:5080:Family:Ruminococcaceae

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>ASV:5081:Genus:Bacteroides

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>ASV:5082:Genus:Clostridium_sensu_stricto_1

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>ASV:5083:Species:defluvii/lusatiense

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>ASV:5084:Genus:Flavonifractor

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>ASV:5085:Family:Lachnospiraceae

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>ASV:5086:Genus:Solobacterium

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>ASV:5087:Family:Clostridiaceae_2

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GTAGC

>ASV:5088:Order:Bacteroidales

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>ASV:5089:Genus:Prevotella

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>ASV:5090:Genus:Afipia

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>ASV:5091:Phylum:Firmicutes

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>ASV:5092:Genus:Alloprevotella

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>ASV:5093:Genus:Chryseobacterium

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>ASV:5094:Genus:Prevotella

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>ASV:5095:Family:Lachnospiraceae

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>ASV:5096:Family:Lachnospiraceae

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>ASV:5097:Genus:Bacteroides

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>ASV:5098:Family:Lachnospiraceae

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>ASV:5099:Order:Clostridiales

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>ASV:5100:Family:Lachnospiraceae

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AAATGCGTAGATATTGGGAGGAACACCAGTGGCGAAGGCGGCAACTGGGCTTAACTGACGCTGAGGCTCGAAAGTGTG
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>ASV:5101:Family:Lachnospiraceae

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AAATGCGTAGATATTGGGAGGAACACCAGTGGCGAAGGCGGCTACTGGGCTTAACTGACGCTGAGGCTCGAAAGTGTG
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>ASV:5102:Family:Ruminococcaceae

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>ASV:5103:Genus:Lachnospiraceae_UCG-008

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>ASV:5104:Family:Lachnospiraceae
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>ASV:5116:Family:Lachnospiraceae
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>ASV:5118:Genus:Ruminococcus_2
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>ASV:5119:Genus:Bacteroides
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>ASV:5120:Genus:Blautia
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>ASV:5121:Family:Lachnospiraceae
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>ASV:5122:Order:Bacteroidales
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>ASV:5123:Family:Lachnospiraceae
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>ASV:5124:Family:Lachnospiraceae
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>ASV:5125:Genus:Intestinimonas
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>ASV:5126:Genus:Anaerofustis
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>ASV:5127:Order:Clostridiales
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>ASV:5128:Family:Ruminococcaceae
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>ASV:5129:Genus:Erysipelatoclostridium
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GGAGC

>ASV:5130:Genus:Peptococcus
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>ASV:5131:Family:Ruminococcaceae
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>ASV:5132:Order:Bacteroidales
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>ASV:5135:Genus:Bacteroides
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>ASV:5139:Genus:Akkermansia
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>ASV:5142:Family:Lachnospiraceae
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>ASV:5143:Family:Ruminococcaceae
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>ASV:5144:Family:Lachnospiraceae
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>ASV:5145:Genus:Kandleria

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AATGCGTAGATATATGGAGGAACACCAGTGGCGAAGGCGACGGTCTGGGCCGCAACTGACGCTCATTCCGAAAGCGTGG
GTAGC

>ASV:5146:Family:Ruminococcaceae

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AATGCGTAGATATTGGGAAGAACCACAGTGGCGAAGGCGGCTGCTGGACATTAACGACGCTGAGGAGCGAAAGCGTG
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>ASV:5147:Family:Lachnospiraceae

TACGTAGGGGGCAAGCGTTATCCGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTGTGGCAAGTCTGATGTGAAAGGCA
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GAATGTGTAGATATCGGGAAGAACCACATGGCGAAGGCGAGTCTCTGGGCCGCTACTGACGCTGAGGAGCGAAAGCGTG
GGGAG

>ASV:5148:Genus:Oscillibacter

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AATGCGTAGATATCGGGAAGAACCACATGGCGAAGGCGAGTCTCTGGGCCGTTACTGACGCTGAGGAGCGAAAGCGTG
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>ASV:5149:Genus:hoa5-07d05_gut_group

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AATGCGTAGATATTAGGAGGAACCACAGTGGCGAAGGCGGCTGCTGGACTGTTACTGACACTGAGGACGAAAGCGTG
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>ASV:5150:Family:Ruminococcaceae

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GAATGCGTAGATATCGGGAAGAACCACAGTGGCGAAGGCGGCTTACTGGACGATAACTGACGCTGAGGCTCGAAAGCGTG
GGGAG

>ASV:5151:Family:Christensenellaceae

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>ASV:5152:Genus:Anaerofilum

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AATGCGTAGATATCGGGAAGAACCACAGTGGCGAAGGCGGCTTACTGGACCAACTGACGCTGAGGCTCGAAAGTATGG
GTAGC

>ASV:5153:Genus:Christensenellaceae_R-7_group

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GGGAG

>ASV:5154:Family:Lachnospiraceae

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>ASV:5155:Order:Clostridiales

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GGGGA

>ASV:5156:Genus:Blautia

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AATGCGTAGATATTAGGAGGAACCACAGTGGCGAAGGCGGCTTACTGGACGTAAGTACGCTTGGGCTCGAAAGCGTG
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>ASV:5157:Genus:Cloacibacillus

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>ASV:5158:Genus:Roseburia

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>ASV:5159:Genus:Asaccharospora
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>ASV:5160:Family:Ruminococcaceae
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>ASV:5161:Genus:Holdemania
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>ASV:5163:Order:Bacteroidales
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>ASV:5164:Genus:Bacteroides
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>ASV:5165:Family:Ruminococcaceae
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>ASV:5166:Family:Ruminococcaceae
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>ASV:5167:Species:gallinarum/inhibens/jeotgali/maltaromaticum/viridans
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>ASV:5169:Genus:Ruminiclostridium_5
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>ASV:5170:Genus:Ruminiclostridium_5
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>ASV:5172:Genus:Alloprevotella
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>ASV:5173:Phylum:Firmicutes

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GTAGC

>ASV:5174:Genus:Butyricicoccus

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>ASV:5175:Genus:Desulfovibrio

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>ASV:5176:Genus:Peptoniphilus

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>ASV:5177:Family:Lachnospiraceae

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GAATGTGTAGATATCGGGAAGAACACCAATGGCGAAGGCGAGTCTCTGGGCCGCTACTGACGCTGAGGAGCGAAAGCGCG
GGGAG

>ASV:5178:Kingdom:Bacteria

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>ASV:5179:Genus:GCA-900066755

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GAATGCGTAGATATCGGGAGGAACACCAAGTGGCGAAGGCGGCTTACTGGGCTTAACTGACGCTGAAGCACGAAAGCATG
GGTAG

>ASV:5180:Order:Clostridiales

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GGTAT

>ASV:5181:Genus:Eggerthella

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AATGCGCAGATATCGGGAAGAACACCAAGTGGCGAAGGCGAGCTGCTGGGCCGCAACTGACGCTGAGGCGCGAAAGCTAGG
GGAGC

>ASV:5182:Family:Ruminococcaceae

TACGTATGGTGAAGCGTTATCCGAATTTACTGGGTGTAAGGGAGCGTAGACGGATGGGCAAGTCAAGTGTGAAAGCTG
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AAATGCGTAGATATACGGAAGAACACCAAGTGGCGAAGGCGAGCTTACTAACCTGTAAGTGCAGTGTGATGCTCGAAAGTGTG
GGTAT

>ASV:5183:Species:scatoligenes

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AATGCGCAGATATCGGGAAGAACACCGGTGGCGAAGGCGGCCTTCTGGGCCACAAGTGCAGCTGAGGAGCGAAAGTGTG
GGAGC

>ASV:5184:Family:Ruminococcaceae

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AAATGCGTAGAGATGGGAGGAACACCAAGTGGCGAAGGCGGCCTACTGGGCACCAACTGACGCTGAGGCTCGAAAGTGTG
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>ASV:5185:Family:Peptococcaceae

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GGGAG

>ASV:5186:Family:Ruminococcaceae
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TCGGCTCAACCCGGTGGCTGCGTTCTAAACTGCCGTTCTTGAGTGAAGTAGAGGTAAGCGGAATTCCTGGTGTAGCGGTGA
AATGCGTAGATATCAGGAGGAACATCGGTGGCGAAGGCGGCTTACTGGCCCTTACTGACGCTGAGGCTCGAAAGCGTGG
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>ASV:5187:Family:Ruminococcaceae
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>ASV:5188:Genus:Erysipelatoclostridium
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>ASV:5189:Species:georgiae/hongkongensis
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>ASV:5190:Genus:Intestinimonas
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>ASV:5191:Genus:Holdemania
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>ASV:5192:Family:Ruminococcaceae
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>ASV:5193:Order:Clostridiales
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>ASV:5194:Family:Acidaminococcaceae
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>ASV:5195:Genus:Oscillibacter
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>ASV:5196:Species:coxii
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>ASV:5197:Genus:Paucibacter
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>ASV:5198:Family:Lachnospiraceae
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>ASV:5199:Family:Acidaminococcaceae
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>ASV:5209:Genus:Alistipes
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>ASV:5212:Family:Ruminococcaceae
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>ASV:5213:Family:Lachnospiraceae

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>ASV:5214:Genus:Gemella

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>ASV:5215:Genus:Anthococcus

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>ASV:5216:Genus:Bacteroides

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GGTAT

>ASV:5217:Family:Lachnospiraceae

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AAATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGGTCAATGACGCTGAGGCTCGAAAGCGTG
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>ASV:5218:Genus:Christensenellaceae_R-7_group

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>ASV:5219:Family:Ruminococcaceae

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>ASV:5220:Family:Rikenellaceae

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AAATGCTTAGATATCACAGAACACCAGATTGCGAAGGCAGCTTCCAAAGCTATTACTGACGCTGAGGCACGAAAGCGTG
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>ASV:5221:Kingdom:Bacteria

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AAATGCTTAGATATCACGAAGAACTCCGATTGCGAAGGCAGCTCACTGGAGTGAAGTCAAGTGTGACTGACTGACTGACTG
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>ASV:5222:Genus:Family_XIII_AD3011_group

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>ASV:5223:Genus:Bacteroides

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>ASV:5224:Order:Bacteroidales

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>ASV:5225:Order:Rhodospirillales

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>ASV:5226:Genus:Ruminococcaceae_NK4A214_group

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>ASV:5227:Family:Rikenellaceae

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>ASV:5228:Family:Ruminococcaceae

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>ASV:5229:Genus:Ruminococcaceae_NK4A214_group

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>ASV:5230:Genus:Anaerococcus

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>ASV:5231:Genus:Lactonifactor

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>ASV:5232:Species:yonginensis

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>ASV:5233:Genus:Holdemania

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>ASV:5234:Genus:Phocea

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>ASV:5235:Genus:Acetanaerobacterium

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>ASV:5236:Order:Bacteroidales

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>ASV:5237:Family:Ruminococcaceae

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>ASV:5238:Genus:Ornithinimicrobium

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>ASV:5239:Genus:Aquabacterium

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>ASV:5240:Genus:Bacteroides

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>ASV:5255:Genus:Alistipes
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>ASV:5256:Family:Lachnospiraceae
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>ASV:5257:Genus:DTU089
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>ASV:5265:Family:Ruminococcaceae
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>ASV:5266:Genus:Streptococcus
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>ASV:5267:Family:Lachnospiraceae
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>ASV:5268:Genus:Ruminococcaceae_UCG-010
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>ASV:5282:Family:Lachnospiraceae

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>ASV:5283:Family:Ruminococcaceae

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>ASV:5284:Genus:Ruminococcaceae_UCG-003

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>ASV:5285:Family:Ruminococcaceae

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>ASV:5286:Family:Lachnospiraceae

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>ASV:5287:Family:Lachnospiraceae

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>ASV:5288:Family:Ruminococcaceae

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>ASV:5289:Order:Clostridiales

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>ASV:5290:Family:Rikenellaceae

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>ASV:5291:Family:Ruminococcaceae

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>ASV:5292:Phylum:Firmicutes

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>ASV:5293:Class:Gammaproteobacteria

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>ASV:5294:Family:Bifidobacteriaceae

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>ASV:5320:Order:Clostridiales
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>ASV:5322:Genus:Acetatifactor
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>ASV:5323:Family:Muribaculaceae
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>ASV:5324:Family:Lachnospiraceae
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>ASV:5325:Family:Veillonellaceae
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>ASV:5326:Genus:Terrisporobacter
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>ASV:5327:Family:Muribaculaceae
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>ASV:5328:Genus:Sanguibacteroides
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>ASV:5329:Phylum:Firmicutes
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>ASV:5330:Order:Bacteroidales
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>ASV:5331:Genus:Christensenellaceae_R-7_group
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>ASV:5332:Species:circulans/massiliosenegalensis
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>ASV:5333:Genus:Ruminococcaceae_UCG-003
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>ASV:5334:Kingdom:Bacteria
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>ASV:5335:Genus:Catabacter
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>ASV:5350:Genus:Candidatus_Soleaferrea

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>ASV:5351:Order:Bacteroidales

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>ASV:5352:Family:Lachnospiraceae

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>ASV:5353:Genus:Fusobacterium

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>ASV:5354:Family:Ruminococcaceae

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>ASV:5355:Phylum:Firmicutes

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>ASV:5356:Genus:Bilophila

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>ASV:5357:Order:Clostridiales

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>ASV:5358:Genus:Deinococcus

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>ASV:5359:Genus:Corynebacterium_1

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>ASV:5360:Order:Bacteroidales

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>ASV:5361:Order:Selenomonadales

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>ASV:5362:Species:naviforme/nucleatum

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GTAGC

>ASV:5363:Family:Muribaculaceae

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>ASV:5364:Family:Veillonellaceae

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>ASV:5365:Genus:Pediococcus

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>ASV:5366:Genus:Dielma

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>ASV:5367:Order:Bacteroidales

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>ASV:5368:Family:Ruminococcaceae

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>ASV:5369:Genus:Paeniclostridium

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>ASV:5370:Order:Clostridiales

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>ASV:5371:Family:Lachnospiraceae

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>ASV:5372:Genus:Lachnospiraceae_FE2018_group

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>ASV:5373:Genus:Lactococcus

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>ASV:5374:Family:Prevotellaceae

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>ASV:5375:Order:Clostridiales

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>ASV:5376:Genus:Holdemanelle

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>ASV:5377:Genus:Odoribacter

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>ASV:5378:Genus:Prevotella_6

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>ASV:5379:Genus:UBA1819

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>ASV:5380:Order:Bacteroidales

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>ASV:5381:Genus:Ruminococcaceae_UCG-011

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>ASV:5382:Family:Family_XIII

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>ASV:5383:Family:Ruminococcaceae

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>ASV:5384:Genus:GCA-900066575

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>ASV:5385:Family:Lachnospiraceae

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>ASV:5386:Genus:GCA-900066225

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>ASV:5387:Genus:Bacteroides

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>ASV:5388:Kingdom:Bacteria

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>ASV:5389:Family:Ruminococcaceae

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>ASV:5390:Family:Lachnospiraceae
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>ASV:5391:Genus:Planococcus
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>ASV:5392:Genus:Lachnospiraceae_NK4A136_group
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>ASV:5393:Family:Ruminococcaceae
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>ASV:5394:Genus:Ruminococcaceae_UCG-009
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>ASV:5395:Family:Lachnospiraceae
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>ASV:5396:Genus:Gemella
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>ASV:5397:Family:Christensenellaceae
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>ASV:5400:Family:Bifidobacteriaceae
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>ASV:5401:Phylum:Firmicutes
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>ASV:5403:Genus:Porphyromonas
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>ASV:5418:Genus:Noviherbaspirillum

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>ASV:5419:Family:Erysipelotrichaceae

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>ASV:5420:Genus:Catabacter

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>ASV:5421:Family:Lachnospiraceae

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>ASV:5422:Family:Lachnospiraceae

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>ASV:5423:Genus:Acidaminococcus

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>ASV:5424:Family:Clostridiales_vadinBB60_group

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>ASV:5425:Family:Ruminococcaceae

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>ASV:5426:Family:Lachnospiraceae

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>ASV:5427:Order:Clostridiales

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>ASV:5428:Genus:Acidaminococcus

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>ASV:5429:Order:Bacteroidales

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>ASV:5430:Genus:Anaerotruncus

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>ASV:5431:Genus:UC5-1-2E3

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>ASV:5432:Family:Lachnospiraceae

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>ASV:5433:Family:Lachnospiraceae

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>ASV:5434:Order:Clostridiales

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>ASV:5435:Order:Bacteroidales

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>ASV:5436:Genus:Anaerofilum

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>ASV:5437:Genus:Ezakiella

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>ASV:5438:Family:Ruminococcaceae

TACGTAGGGAGCAAGCGTTGTCCGGATTTACTGGGTGTAAGGGGCGTGACGCGGGAATGCAAGTCAGATGTGAAATCCA
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>ASV:5439:Family:Lachnospiraceae

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>ASV:5440:Genus:Sphingopyxis

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>ASV:5441:Family:Lachnospiraceae

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>ASV:5442:Species:massiliensis/phocaeensis

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>ASV:5443:Genus:DTU089

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>ASV:5444:Species:johnsonii/naeslundii/oris

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>ASV:5445:Family:Lachnospiraceae

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>ASV:5446:Order:Clostridiales

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>ASV:5447:Family:Ruminococcaceae

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>ASV:5448:Genus:Prevotella

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>ASV:5449:Genus:Butyricimonas

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>ASV:5450:Genus:UBA1819

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>ASV:5451:Family:Prevotellaceae

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>ASV:5452:Genus:Bilophila

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>ASV:5453:Family:Ruminococcaceae

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>ASV:5454:Family:Lachnospiraceae

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>ASV:5455:Genus:Asaccharospora

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>ASV:5456:Order:Clostridiales

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>ASV:5457:Genus:Peptoniphilus

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GGAGC

>ASV:5458:Genus:Faecalitalea
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>ASV:5459:Genus:Massilia
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>ASV:5460:Genus:Thiothrix
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>ASV:5461:Order:Clostridiales
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>ASV:5462:Family:Lachnospiraceae
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>ASV:5463:Genus:Scardovia
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>ASV:5464:Genus:Porphyromonas
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>ASV:5465:Order:Clostridiales
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>ASV:5466:Genus:Anaerotruncus
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>ASV:5467:Class:Clostridia
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>ASV:5468:Family:Lachnospiraceae
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>ASV:5469:Family:Lachnospiraceae
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>ASV:5470:Genus:Marvinbryantia
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>ASV:5471:Genus:Erysipelotrichaceae_UCG-003
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>ASV:5480:Family:Clostridiaceae_2
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>ASV:5481:Phylum:Firmicutes
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>ASV:5482:Species:koreensis
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>ASV:5484:Family:Lachnospiraceae
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>ASV:5485:Genus:Bilophila

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>ASV:5486:Family:Enterobacteriaceae

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>ASV:5487:Order:Clostridiales

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>ASV:5488:Family:Lachnospiraceae

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>ASV:5489:Kingdom:Bacteria

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>ASV:5490:Genus:Holdemanela

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>ASV:5491:Family:Erysipelotrichaceae

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>ASV:5492:Family:Lachnospiraceae

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>ASV:5493:Genus:Eggerthella

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>ASV:5494:Genus:Parabacteroides

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>ASV:5495:Family:Ruminococcaceae

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>ASV:5496:Genus:Family_XIII_AD3011_group

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>ASV:5497:Genus:Oribacterium

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>ASV:5498:Family:Ruminococcaceae

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>ASV:5499:Genus:Subdoligranulum

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>ASV:5554:Family:Lachnospiraceae

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>ASV:5555:Family:Lachnospiraceae

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GGGAG

>ASV:5556:Kingdom:Bacteria

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GGTAT

>ASV:5557:Family:Lachnospiraceae

TACGTATGGTGAAGCGTTATCCGGATTCATTGGGCGTAAAGCGCGCTAGGCGGCCCTAAGCGGAACCTCTAATCCC
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>ASV:5558:Family:Enterobacteriaceae

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>ASV:5559:Species:concisus

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>ASV:5560:Genus:Howardella

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>ASV:5561:Class:Actinobacteria

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>ASV:5562:Family:Lachnospiraceae

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>ASV:5563:Order:Clostridiales

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>ASV:5564:Family:Lachnospiraceae

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>ASV:5565:Order:Bacteroidales

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>ASV:5566:Family:Lachnospiraceae

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GGGAG

>ASV:5567:Genus:Roseateles

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>ASV:5568:Genus:Abiotrophia

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>ASV:5569:Family:Lachnospiraceae

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>ASV:5570:Genus:Lactonifactor

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>ASV:5571:Genus:Intestinimonas

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>ASV:5572:Kingdom:Bacteria

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AATGCATAGATATCACGCAGAACCCCGATTGCGAAGGCGGCTGCTAGGGTGCACAGACGCTGAGGCACGAAAGCGTGG
GTATC

>ASV:5573:Genus:Flavonifractor

TACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTGTAAGGGCGTGTAGGCGGGATTGCAAGTCAAGTGTGAAAACCTG
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GGTAT

>ASV:5574:Order:Bacteroidales

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AAATGCATAGATATCACGCAGAACCCCGATTGCGAAGGCGGCTGCTAGGGTGCACAGACGCTGAGGCACGAAAGCGTGG
GGTAT

>ASV:5575:Family:Ruminococcaceae

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>ASV:5576:Family:Ruminococcaceae

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AAATGCGTAGATATTTGGAAGAACACCAATGGCGAAGGCGGCTTACTGGGATGCGACTGACGCTCATGCACGAAAGCGTG
GGGAG

>ASV:5577:Genus:Flavonifractor

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AAATGCGTAGATATCACGAAGAACCCGATTGCGAAGGCGGCTTACTAACCTGCAACTGACATTGAGGCTCGAAAGTGTG
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>ASV:5578:Order:Bacteroidales

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AAATGCTTAGATATCACGAAGAACCCGATTGCGAAGGCGGCTCACTAGACTGTTACTGACACTGATGCTCGAAAGTGTG
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>ASV:5579:Species:arfidiae/endophytica/marina/mucilaginoso/nasimurium

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AAATGCGCAGATATCAGGAGGAACACCAATGGCGAAGGCGGCTCTCTGGGCTGTAACGACGCTGAGAAGCGAAAGCATG
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>ASV:5580:Order:Bacteroidales

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GTATC

>ASV:5581:Family:Ruminococcaceae
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GGGAG

>ASV:5582:Genus:Eggerthella
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GTAGC

>ASV:5583:Genus:Piscinibacter
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>ASV:5584:Family:Ruminococcaceae
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GGGGG

>ASV:5585:Genus:Pseudonocardia
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GGGGA

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>ASV:5587:Genus:Eisenbergiella
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>ASV:5588:Genus:Lactococcus
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>ASV:5589:Family:Erysipelotrichaceae
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>ASV:5590:Genus:Peptostreptococcus
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GGAGC

>ASV:5591:Kingdom:Bacteria
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>ASV:5592:Genus:Ruminococcaceae_UCG-014
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>ASV:5595:Genus:Flavonifractor
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>ASV:5596:Genus:Lachnospiraceae_UCG-010
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>ASV:5597:Genus:Dielma
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GTAGC

>ASV:5598:Genus:Parabacteroides
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>ASV:5599:Family:Ruminococcaceae
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>ASV:5600:Genus:Solobacterium
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>ASV:5601:Family:Lachnospiraceae
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>ASV:5602:Species:niger
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>ASV:5603:Family:Ruminococcaceae
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>ASV:5605:Genus:Parvimonas
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>ASV:5610:Order:Bacteroidales
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>ASV:5612:Family:Ruminococcaceae
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>ASV:5614:Family:Lachnospiraceae
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>ASV:5616:Genus:Clostridium_sensu_stricto_2
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>ASV:5620:Order:Bacteroidales
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>ASV:5621:Family:Lachnospiraceae

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>ASV:5622:Order:Clostridiales

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>ASV:5623:Genus:Alistipes

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>ASV:5624:Genus:Bacteroides

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>ASV:5625:Order:IMCC26256

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>ASV:5626:Phylum:Bacteroidetes

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>ASV:5627:Family:Lachnospiraceae

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>ASV:5628:Phylum:Firmicutes

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>ASV:5629:Family:Peptostreptococcaceae

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>ASV:5630:Family:Ruminococcaceae

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>ASV:5631:Phylum:Firmicutes

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>ASV:5632:Genus:DTU089

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>ASV:5633:Family:Lachnospiraceae

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>ASV:5634:Order:Clostridiales

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>ASV:5635:Genus:Eggerthella

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>ASV:5636:Genus:Ruminiclostridium_9

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>ASV:5637:Genus:Gemella

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>ASV:5638:Genus:Subdoligranulum

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>ASV:5639:Family:Burkholderiaceae

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>ASV:5640:Phylum:Firmicutes

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>ASV:5641:Kingdom:Bacteria

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>ASV:5642:Family:Clostridiales_vadinBB60_group

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>ASV:5643:Genus:Ruminococcaceae_UCG-010

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>ASV:5644:Genus:DTU089

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>ASV:5645:Family:Family_XIII

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>ASV:5646:Family:Ruminococcaceae

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>ASV:5647:Kingdom:Bacteria

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>ASV:5648:Order:Rhodospirillales

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>ASV:5649:Family:Ruminococcaceae
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>ASV:5650:Family:Acidaminococcaceae
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>ASV:5651:Family:Lachnospiraceae
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>ASV:5652:Family:Clostridiales_vadinBB60_group
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>ASV:5653:Family:Veillonellaceae
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>ASV:5654:Order:Bacteroidales
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>ASV:5655:Family:Lachnospiraceae
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>ASV:5656:Genus:Bacteroides
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>ASV:5657:Family:Ruminococcaceae
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>ASV:5658:Genus:Parabacteroides
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>ASV:5659:Family:Ruminococcaceae
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>ASV:5661:Genus:Oscillibacter
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>ASV:5662:Genus:Catabacter
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>ASV:5663:Family:Ruminococcaceae
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>ASV:5664:Genus:Flavonifractor
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GGTAG

>ASV:5665:Family:Lachnospiraceae
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>ASV:5666:Family:Ruminococcaceae
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>ASV:5668:Family:Lachnospiraceae
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>ASV:5669:Genus:Lactococcus
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>ASV:5672:Genus:Rikenellaceae_RC9_gut_group
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>ASV:5673:Genus:Dialister
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>ASV:5674:Order:Clostridiales
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>ASV:5675:Family:Lachnospiraceae
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>ASV:5690:Genus:Christensenellaceae_R-7_group

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>ASV:5691:Genus:Alistipes

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>ASV:5692:Genus:Ruminiclostridium

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>ASV:5693:Genus:Oscillibacter

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>ASV:5694:Family:Lachnospiraceae

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>ASV:5695:Genus:Clostridium_sensu_stricto_1

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>ASV:5696:Family:Ruminococcaceae

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>ASV:5697:Family:Christensenellaceae

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>ASV:5698:Genus:Anaerofilum

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>ASV:5699:Genus:Anaerofilum

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>ASV:5700:Genus:Solobacterium

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>ASV:5701:Class:Deltaproteobacteria

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>ASV:5702:Order:Lactobacillales

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>ASV:5703:Genus:Parasutterella

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>ASV:5704:Class:Bacteroidia

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>ASV:5705:Genus:Negativibacillus

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>ASV:5706:Genus:Parabacteroides

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>ASV:5707:Family:Ruminococcaceae

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>ASV:5708:Genus:Bacteroides

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>ASV:5709:Genus:Oscillibacter

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>ASV:5710:Genus:Ruminococcaceae_UCG-002

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>ASV:5711:Family:Ruminococcaceae

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>ASV:5712:Genus:Candidatus_Stoquefichus

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>ASV:5713:Order:Clostridiales

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>ASV:5714:Kingdom:Bacteria

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>ASV:5715:Genus:Oscillibacter

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>ASV:5716:Genus:Erysipelotrichaceae_UCG-003

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>ASV:5730:Family:Ruminococcaceae
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>ASV:5731:Family:Lachnospiraceae
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>ASV:5732:Family:Lachnospiraceae
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>ASV:5733:Family:Lachnospiraceae
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>ASV:5734:Genus:Anaerofilum
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>ASV:5736:Genus:Family_XIII_AD3011_group
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>ASV:5738:Order:Clostridiales
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>ASV:5739:Genus:Barnesiella
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>ASV:5740:Family:Ruminococcaceae
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>ASV:5741:Genus:Ruminococcaceae_UCG-005
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>ASV:5742:Order:Clostridiales
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>ASV:5743:Family:Ruminococcaceae
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>ASV:5758:Family:Lachnospiraceae

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>ASV:5759:Family:Lachnospiraceae

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>ASV:5760:Genus:Ruminiclostridium_5

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>ASV:5761:Order:Bacteroidales

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>ASV:5762:Genus:Anaerostipes

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>ASV:5764:Family:Lachnospiraceae

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>ASV:5765:Family:Erysipelotrichaceae

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>ASV:5766:Family:Christensenellaceae

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>ASV:5767:Genus:Fusicatenibacter

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>ASV:5769:Family:Lachnospiraceae

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>ASV:5770:Genus:Anaerostipes

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>ASV:5771:Family:Lachnospiraceae

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>ASV:5772:Genus:Candidatus_Stoquefichus

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>ASV:5776:Kingdom:Bacteria

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>ASV:5777:Family:Lachnospiraceae

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>ASV:5778:Genus:Cricetibacter

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>ASV:5780:Genus:Fusobacterium

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>ASV:5781:Phylum:Firmicutes

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>ASV:5782:Kingdom:Bacteria

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>ASV:5783:Family:Lachnospiraceae

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>ASV:5784:Class:Bacilli

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>ASV:5827:Family:Ruminococcaceae

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>ASV:5830:Family:Lachnospiraceae

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>ASV:5832:Family:Lachnospiraceae

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>ASV:5835:Family:Lachnospiraceae

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>ASV:5836:Genus:Lachnoclostridium

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>ASV:5837:Kingdom:Bacteria

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>ASV:5838:Species:kroppenstedtii

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>ASV:5840:Genus:Ruminococcaceae_UCG-005
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>ASV:5853:Family:Ruminococcaceae

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>ASV:5854:Family:Peptostreptococcaceae

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>ASV:5855:Family:Desulfovibrionaceae

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>ASV:5856:Family:Ruminococcaceae

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>ASV:5857:Family:Lachnospiraceae

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>ASV:5858:Kingdom:Bacteria

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>ASV:5859:Genus:Christensenellaceae_R-7_group

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>ASV:5860:Genus:Ruminococcaceae_UCG-010

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>ASV:5862:Family:Erysipelotrichaceae

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>ASV:5863:Order:Clostridiales

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>ASV:5864:Family:Ruminococcaceae

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>ASV:5865:Family:Lachnospiraceae

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>ASV:5901:Phylum:Firmicutes

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>ASV:5902:Family:Lachnospiraceae

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>ASV:5938:Genus:Lachnoclostridium
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>ASV:5944:Genus:Rubellimicrobium
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>ASV:5962:Genus:Moraxella

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>ASV:5964:Family:Ruminococcaceae

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>ASV:5965:Genus:Ruminococcaceae_UCG-005

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>ASV:5966:Family:Lachnospiraceae

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>ASV:5967:Family:Ruminococcaceae

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>ASV:5968:Genus:Oscillospira

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>ASV:5969:Genus:Acetanaerobacterium

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>ASV:5970:Family:Lachnospiraceae

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>ASV:5971:Family:Lachnospiraceae

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>ASV:5972:Genus:Acetanaerobacterium

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>ASV:5973:Family:Lachnospiraceae

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>ASV:5991:Family:Lachnospiraceae

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>ASV:5994:Family:Ruminococcaceae

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>ASV:5995:Family:Ruminococcaceae

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>ASV:5996:Genus:Christensenellaceae_R-7_group

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>ASV:5997:Family:Clostridiaceae_1

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>ASV:5998:Family:Ruminococcaceae

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>ASV:5999:Family:Lachnospiraceae

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>ASV:6000:Genus:Patulibacter

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>ASV:6001:Order:Bacteroidales

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>ASV:6002:Family:Ruminococcaceae
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>ASV:6003:Genus:Bacteroides
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>ASV:6030:Genus:Odobacter

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>ASV:6031:Phylum:Firmicutes

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>ASV:6032:Phylum:Firmicutes

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>ASV:6033:Order:Clostridiales

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>ASV:6034:Family:Ruminococcaceae

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>ASV:6035:Genus:UBA1819

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>ASV:6037:Family:Lachnospiraceae

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>ASV:6038:Genus:Cuneatibacter

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>ASV:6039:Family:Ruminococcaceae

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>ASV:6040:Genus:Ruminococcaceae_UCG-013

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>ASV:6041:Family:Clostridiaceae_2

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>ASV:6115:Family:Peptococcaceae

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>ASV:6116:Species:anhuiense/faecium/kitahiroshimense

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>ASV:6117:Genus:Veillonella

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>ASV:6118:Order:Clostridiales

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>ASV:6119:Phylum:Firmicutes

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>ASV:6120:Order:Clostridiales

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>ASV:6121:Family:Ruminococcaceae

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>ASV:6122:Family:Lachnospiraceae

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>ASV:6123:Order:Clostridiales

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>ASV:6124:Family:Lachnospiraceae

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>ASV:6174:Genus:Lachnospiraceae_FE2018_group
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>ASV:6175:Family:Ruminococcaceae
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>ASV:6178:Family:Ruminococcaceae
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>ASV:6179:Genus:Rothia

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GAATGCGCAGATATCAGGAGGAACACCGATGGCGAAGGCAGTCTCTGGGCTGTAACGACGCTGAGAAGCGAAAGCATG
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>ASV:6180:Family:Lachnospiraceae

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>ASV:6181:Genus:Veillonella

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>ASV:6182:Order:Clostridiales

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>ASV:6183:Species:brevis

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>ASV:6184:Genus:Christensenellaceae_R-7_group

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>ASV:6185:Family:Ruminococcaceae

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>ASV:6186:Family:Lachnospiraceae

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>ASV:6187:Genus:Ruminococcaceae_UCG-003

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>ASV:6188:Order:Micavibrionales

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>ASV:6189:Genus:Erysipelotrichaceae_UCG-003

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>ASV:6190:Family:Lachnospiraceae

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>ASV:6191:Family:Lachnospiraceae

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>ASV:6200:Family:Lachnospiraceae
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>ASV:6207:Family:Veillonellaceae
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>ASV:6208:Genus:Cuneatibacter
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>ASV:6209:Family_XIII_UCG-001
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>ASV:6210:Genus:Bacteroides
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>ASV:6211:Family:Ruminococcaceae
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>ASV:6212:Family:Lachnospiraceae
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>ASV:6214:Order:Desulfovibrionales
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>ASV:6215:Genus:Megasphaera
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>ASV:6234:Family:Ruminococcaceae

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>ASV:6235:Family:Lachnospiraceae

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>ASV:6236:Family:Ruminococcaceae

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>ASV:6238:Genus:Pseudoflavonifactor

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>ASV:6239:Family:Bifidobacteriaceae

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>ASV:6242:Genus:Succiniclasticum

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>ASV:6243:Order:Lactobacillales

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>ASV:6245:Order:Clostridiales

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>ASV:6246:Family:Lachnospiraceae

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>ASV:6247:Genus:Ruminiclostridium_5

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>ASV:6248:Phylum:Firmicutes

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>ASV:6249:Kingdom:Bacteria

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>ASV:6250:Family:Lachnospiraceae

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>ASV:6251:Genus:Asaccharospora

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>ASV:6252:Family:Ruminococcaceae

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>ASV:6253:Family:Prevotellaceae

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>ASV:6254:Genus:Coprococcus_2

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>ASV:6255:Order:Clostridiales

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>ASV:6256:Family:Ruminococcaceae

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>ASV:6257:Genus:Fusobacterium

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>ASV:6258:Order:Betaproteobacteriales

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>ASV:6259:Order:Clostridiales

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>ASV:6260:Family:Lachnospiraceae

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>ASV:6274:Genus:Lachnospiraceae_ND3007_group
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>ASV:6280:Family:Ruminococcaceae
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>ASV:6286:Genus:Bacteroides
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>ASV:6287:Order:Clostridiales
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>ASV:6370:Kingdom:Bacteria

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>ASV:6372:Family:Enterobacteriaceae

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>ASV:6375:Genus:Lachnoanaerobaculum

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>ASV:6381:Family:Lachnospiraceae

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>ASV:6382:Family:Lachnospiraceae

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>ASV:6383:Kingdom:Bacteria

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>ASV:6388:Genus:Campylobacter

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>ASV:6389:Phylum:Firmicutes

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>ASV:6391:Order:Clostridiales

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>ASV:6393:Family:Fusobacteriaceae

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>ASV:6437:Family:Enterobacteriaceae

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>ASV:6438:Family:Lachnospiraceae

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>ASV:6439:Family:Lachnospiraceae

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>ASV:6440:Order:Clostridiales

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>ASV:6441:Order:Bacteroidales

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>ASV:6442:Genus:Bilophila

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>ASV:6443:Family:Lachnospiraceae

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>ASV:6444:Family:Lachnospiraceae

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>ASV:6445:Family:Ruminococcaceae

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>ASV:6446:Phylum:Firmicutes

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>ASV:6447:Family:Ruminococcaceae

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>ASV:6448:Order:Clostridiales

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>ASV:6449:Family:Lachnospiraceae

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>ASV:6450:Family:Lachnospiraceae

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>ASV:6465:Family:Pasteurellaceae

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>ASV:6466:Genus:Alcanivorax

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>ASV:6467:Genus:Dialister

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>ASV:6468:Kingdom:Bacteria

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>ASV:6469:Family:Corynebacteriaceae

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>ASV:6470:Kingdom:Bacteria

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>ASV:6471:Genus:Alistipes

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>ASV:6472:Family:Bifidobacteriaceae

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>ASV:6473:Order:Clostridiales

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>ASV:6474:Order:Gastraerophilales

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>ASV:6475:Order:Clostridiales

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>ASV:6476:Genus:Kandleria

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>ASV:6484:Family:Lachnospiraceae
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>ASV:6510:Genus:Subdoligranulum
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>ASV:6511:Genus:Alloprevotella
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>ASV:6513:Kingdom:Bacteria
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>ASV:6533:Family:Erysipelotrichaceae

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>ASV:6534:Genus:Butyricimonas

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>ASV:6535:Family:Lachnospiraceae

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>ASV:6536:Genus:Oscillibacter

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>ASV:6537:Genus:Asaccharospora

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>ASV:6538:Genus:Anthococcus

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>ASV:6539:Genus:Coprobacter

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>ASV:6540:Family:Ruminococcaceae

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>ASV:6541:Family:Lachnospiraceae

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>ASV:6542:Order:Lactobacillales

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>ASV:6543:Order:Clostridiales

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>ASV:6544:Order:Clostridiales

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>ASV:6545:Genus:Turicibacter

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>ASV:6546:Family:Ruminococcaceae
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>ASV:6547:Family:Family_XIII
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>ASV:6548:Family:Ruminococcaceae
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>ASV:6549:Family:Ruminococcaceae
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>ASV:6550:Genus:Pseudoflavonifractor
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>ASV:6551:Genus:Erysipelatoclostridium
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>ASV:6552:Family:Lachnospiraceae
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>ASV:6553:Genus:Ruminococcaceae_UCG-013
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>ASV:6556:Genus:Varibaculum
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>ASV:6557:Order:Bacteroidales
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>ASV:6559:Genus:Pseudomonas
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>ASV:6574:Family:Saccharimonadaceae

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