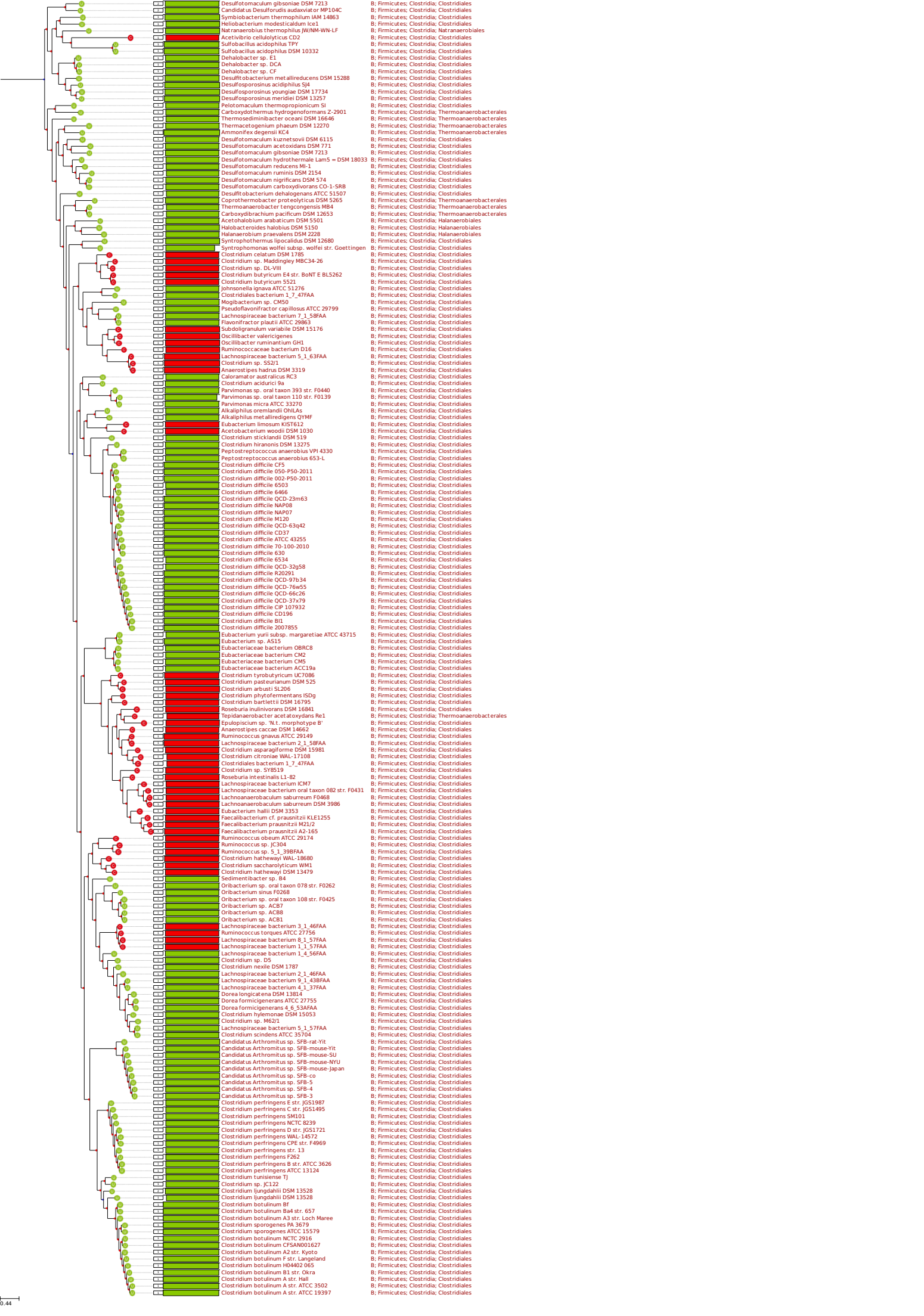
Desulfotomaculum gibsoniae DSM 7213 B; Firmicutes; Clostridia; Clostridiales
Candidatus Desulforudis audaxviator MP104C B; Firmicutes; Clostridia; Clostridiales
Symbiobacterium thermophilum IAM 14863 B; Firmicutes; Clostridia; Clostridiales
Heliobacterium modesticaldum Ice1 B; Firmicutes; Clostridia; Clostridiales
Natranaerobius thermophilus JW/NM-WN-LF B; Firmicutes; Clostridia; Natranaerobiales
Acetivibrio cellulolyticus CD2 B; Firmicutes; Clostridia; Clostridiales
Sulfobacillus acidophilus TPY B; Firmicutes; Clostridia; Clostridiales
Sulfobacillus acidophilus DSM 10332 B; Firmicutes; Clostridia; Clostridiales
Dehalobacter sp. E1 B; Firmicutes; Clostridia; Clostridiales
Dehalobacter sp. DCA B; Firmicutes; Clostridia; Clostridiales
Dehalobacter sp. CF B; Firmicutes; Clostridia; Clostridiales
Desulfitobacterium metallireducens DSM 15288 B; Firmicutes; Clostridia; Clostridiales
Desulfosporosinus acidiphilus SJ4 B; Firmicutes; Clostridia; Clostridiales
Desulfosporosinus youngiae DSM 17734 B; Firmicutes; Clostridia; Clostridiales
Desulfosporosinus meridiei DSM 13257 B; Firmicutes; Clostridia; Clostridiales
Pelotomaculum thermopropionicum SI B; Firmicutes; Clostridia; Clostridiales
Carboxydothermus hydrogenoformans Z-2901 B; Firmicutes; Clostridia; Thermoanaerobacterales
Thermosediminibacter oceani DSM 16646 B; Firmicutes; Clostridia; Thermoanaerobacterales
Thermacetogenium phaeum DSM 12270 B; Firmicutes; Clostridia; Thermoanaerobacterales
Ammonifex degensii KC4 B; Firmicutes; Clostridia; Thermoanaerobacterales
Desulfotomaculum kuznetsovii DSM 6115 B; Firmicutes; Clostridia; Clostridiales
Desulfotomaculum acetoxidans DSM 771 B; Firmicutes; Clostridia; Clostridiales
Desulfotomaculum gibsoniae DSM 7213 B; Firmicutes; Clostridia; Clostridiales
Desulfotomaculum hydrothermale Lam5 = DSM 18033 B; Firmicutes; Clostridia; Clostridiales
Desulfotomaculum reducens MI-1 B; Firmicutes; Clostridia; Clostridiales
Desulfotomaculum ruminis DSM 2154 B; Firmicutes; Clostridia; Clostridiales
Desulfotomaculum nigrificans DSM 574 B; Firmicutes; Clostridia; Clostridiales
Desulfotomaculum carboxydivorans CO-1-SRB B; Firmicutes; Clostridia; Clostridiales
Desulfitobacterium dehalogenans ATCC 51507 B; Firmicutes; Clostridia; Clostridiales
Coprothermobacter proteolyticus DSM 5265 B; Firmicutes; Clostridia; Thermoanaerobacterales
Thermoanaerobacter tengcongensis MB4 B; Firmicutes; Clostridia; Thermoanaerobacterales
Carboxydibrachium pacificum DSM 12653 B; Firmicutes; Clostridia; Thermoanaerobacterales
Acetohalobium arabaticum DSM 5501 B; Firmicutes; Clostridia; Halanaerobiales
Halobacteroides halobius DSM 5150 B; Firmicutes; Clostridia; Halanaerobiales
Halanaerobium praevalens DSM 2228 B; Firmicutes; Clostridia; Halanaerobiales
Syntrophothermus lipocalidus DSM 12680 B; Firmicutes; Clostridia; Clostridiales
Syntrophomonas wolfei subsp. wolfei str. Goettingen B; Firmicutes; Clostridia; Clostridiales
Clostridium celatum DSM 1785 B; Firmicutes; Clostridia; Clostridiales
Clostridium sp. Maddingley MBC34-26 B; Firmicutes; Clostridia; Clostridiales
Clostridium sp. DL-VIII B; Firmicutes; Clostridia; Clostridiales
Clostridium butyricum E4 str. BoNT E BL5262 B; Firmicutes; Clostridia; Clostridiales
Clostridium butyricum 5521 B; Firmicutes; Clostridia; Clostridiales
Johnsonella ignava ATCC 51276 B; Firmicutes; Clostridia; Clostridiales
Clostridiales bacterium 1_7_47FAA B; Firmicutes; Clostridia; Clostridiales
Mogibacterium sp. CM50 B; Firmicutes; Clostridia; Clostridiales
Pseudoflavonifractor capillosus ATCC 29799 B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium 7_1_58FAA B; Firmicutes; Clostridia; Clostridiales
Flavonifractor plautii ATCC 29863 B; Firmicutes; Clostridia; Clostridiales
Subdoligranulum variabile DSM 15176 B; Firmicutes; Clostridia; Clostridiales
Oscillibacter valericigenes B; Firmicutes; Clostridia; Clostridiales
Oscillibacter ruminantium GH1 B; Firmicutes; Clostridia; Clostridiales
Ruminococcaceae bacterium D16 B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium 5_1_63FAA B; Firmicutes; Clostridia; Clostridiales
Clostridium sp. SS2/1 B; Firmicutes; Clostridia; Clostridiales
Anaerostipes hadrus DSM 3319 B; Firmicutes; Clostridia; Clostridiales
Caloramator australicus RC3 B; Firmicutes; Clostridia; Clostridiales
Clostridium aciduricl 9a B; Firmicutes; Clostridia; Clostridiales
Parvimonas sp. oral taxon 393 str. F0440 B; Firmicutes; Clostridia; Clostridiales
Parvimonas sp. oral taxon 110 str. F0139 B; Firmicutes; Clostridia; Clostridiales
Parvimonas micra ATCC 33270 B; Firmicutes; Clostridia; Clostridiales
Alkaliphilus oremlandii OhILAs B; Firmicutes; Clostridia; Clostridiales
Alkaliphilus metalliredigens QYMF B; Firmicutes; Clostridia; Clostridiales
Eubacterium limosum KIST612 B; Firmicutes; Clostridia; Clostridiales
Acetobacterium woodii DSM 1030 B; Firmicutes; Clostridia; Clostridiales
Clostridium sticklandii DSM 519 B; Firmicutes; Clostridia; Clostridiales
Clostridium hiranonis DSM 13275 B; Firmicutes; Clostridia; Clostridiales
Peptostreptococcus anaerobius VPI 4330 B; Firmicutes; Clostridia; Clostridiales
Peptostreptococcus anaerobius 653-L B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile CF5 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile 050-P50-2011 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile 002-P50-2011 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile 6503 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile 6466 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile QCD-23m63 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile NAP08 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile NAP07 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile M120 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile QCD-63q42 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile CD37 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile ATCC 43255 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile 70-100-2010 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile 630 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile 6534 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile QCD-32g58 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile R20291 B; Firmicutes; Clostridia; Clostridiales
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Clostridium difficile QCD-66c26 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile QCD-37x79 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile CIP 107932 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile CD196 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile BI1 B; Firmicutes; Clostridia; Clostridiales
Clostridium difficile 2007855 B; Firmicutes; Clostridia; Clostridiales
Eubacterium yurii subsp. margaretiae ATCC 43715 B; Firmicutes; Clostridia; Clostridiales
Eubacterium sp. AS15 B; Firmicutes; Clostridia; Clostridiales
Eubacteriaceae bacterium OBRC8 B; Firmicutes; Clostridia; Clostridiales
Eubacteriaceae bacterium CM2 B; Firmicutes; Clostridia; Clostridiales
Eubacteriaceae bacterium CM5 B; Firmicutes; Clostridia; Clostridiales
Eubacteriaceae bacterium ACC19a B; Firmicutes; Clostridia; Clostridiales
Clostridium tyrobutyricum UC7086 B; Firmicutes; Clostridia; Clostridiales
Clostridium pasteurianum DSM 525 B; Firmicutes; Clostridia; Clostridiales
Clostridium arbusti SL206 B; Firmicutes; Clostridia; Clostridiales
Clostridium phytofermentans ISDg B; Firmicutes; Clostridia; Clostridiales
Clostridium bartlettii DSM 16795 B; Firmicutes; Clostridia; Clostridiales
Roseburia inulinivorans DSM 16841 B; Firmicutes; Clostridia; Clostridiales
Tepidanaerobacter acetatoxydans Re1 B; Firmicutes; Clostridia; Thermoanaerobacterales
Epulopiscium sp. 'N.t. morphotype B' B; Firmicutes; Clostridia; Clostridiales
Anaerostipes caccae DSM 14662 B; Firmicutes; Clostridia; Clostridiales
Ruminococcus gnavus ATCC 29149 B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium 2_1_58FAA B; Firmicutes; Clostridia; Clostridiales
Clostridium asparagiforme DSM 15981 B; Firmicutes; Clostridia; Clostridiales
Clostridium citroniae WAL-17108 B; Firmicutes; Clostridia; Clostridiales
Clostridiales bacterium 1_7_47FAA B; Firmicutes; Clostridia; Clostridiales
Clostridium sp. SY8519 B; Firmicutes; Clostridia; Clostridiales
Roseburia intestinalis L1-82 B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium ICM7 B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium oral taxon 082 str. F0431 B; Firmicutes; Clostridia; Clostridiales
Lachnoanaerobaculum saburreum F0468 B; Firmicutes; Clostridia; Clostridiales
Lachnoanaerobaculum saburreum DSM 3986 B; Firmicutes; Clostridia; Clostridiales
Eubacterium hallii DSM 3353 B; Firmicutes; Clostridia; Clostridiales
Faecalibacterium cf. prausnitzii KLE1255 B; Firmicutes; Clostridia; Clostridiales
Faecalibacterium prausnitzii M21/2 B; Firmicutes; Clostridia; Clostridiales
Faecalibacterium prausnitzii A2-165 B; Firmicutes; Clostridia; Clostridiales
Ruminococcus obeum ATCC 29174 B; Firmicutes; Clostridia; Clostridiales
Ruminococcus sp. JC304 B; Firmicutes; Clostridia; Clostridiales
Ruminococcus sp. 5_1_39BFAA B; Firmicutes; Clostridia; Clostridiales
Clostridium hathewayi WAL-18680 B; Firmicutes; Clostridia; Clostridiales
Clostridium saccharolyticum WM1 B; Firmicutes; Clostridia; Clostridiales
Clostridium hathewayi DSM 13479 B; Firmicutes; Clostridia; Clostridiales
Sedimentibacter sp. B4 B; Firmicutes; Clostridia; Clostridiales
Oribacterium sp. oral taxon 078 str. F0262 B; Firmicutes; Clostridia; Clostridiales
Oribacterium sinus F0268 B; Firmicutes; Clostridia; Clostridiales
Oribacterium sp. oral taxon 108 str. F0425 B; Firmicutes; Clostridia; Clostridiales
Oribacterium sp. ACB7 B; Firmicutes; Clostridia; Clostridiales
Oribacterium sp. ACB8 B; Firmicutes; Clostridia; Clostridiales
Oribacterium sp. ACB1 B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium 3_1_46FAA B; Firmicutes; Clostridia; Clostridiales
Ruminococcus torques ATCC 27756 B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium 8_1_57FAA B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium 1_1_57FAA B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium 1_4_56FAA B; Firmicutes; Clostridia; Clostridiales
Clostridium sp. D5 B; Firmicutes; Clostridia; Clostridiales
Clostridium nexile DSM 1787 B; Firmicutes; Clostridia; Clostridiales
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Lachnospiraceae bacterium 9_1_43BFAA B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium 4_1_37FAA B; Firmicutes; Clostridia; Clostridiales
Dorea longicatena DSM 13814 B; Firmicutes; Clostridia; Clostridiales
Dorea formicigenerans ATCC 27755 B; Firmicutes; Clostridia; Clostridiales
Dorea formicigenerans 4_6_53AFAA B; Firmicutes; Clostridia; Clostridiales
Clostridium hylemonae DSM 15053 B; Firmicutes; Clostridia; Clostridiales
Clostridium sp. M62/1 B; Firmicutes; Clostridia; Clostridiales
Lachnospiraceae bacterium 5_1_57FAA B; Firmicutes; Clostridia; Clostridiales
Clostridium scindens ATCC 35704 B; Firmicutes; Clostridia; Clostridiales
Candidatus Arthromitus sp. SFB-rat-Yit B; Firmicutes; Clostridia; Clostridiales
Candidatus Arthromitus sp. SFB-mouse-Yit B; Firmicutes; Clostridia; Clostridiales
Candidatus Arthromitus sp. SFB-mouse-SU B; Firmicutes; Clostridia; Clostridiales
Candidatus Arthromitus sp. SFB-mouse-NYU B; Firmicutes; Clostridia; Clostridiales
Candidatus Arthromitus sp. SFB-mouse-Japan B; Firmicutes; Clostridia; Clostridiales
Candidatus Arthromitus sp. SFB-co B; Firmicutes; Clostridia; Clostridiales
Candidatus Arthromitus sp. SFB-5 B; Firmicutes; Clostridia; Clostridiales
Candidatus Arthromitus sp. SFB-4 B; Firmicutes; Clostridia; Clostridiales
Candidatus Arthromitus sp. SFB-3 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens E str. JGS1987 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens C str. JGS1495 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens SM101 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens NCTC 8239 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens D str. JGS1721 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens WAL-14572 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens CPE str. F4969 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens str. 13 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens F262 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens B str. ATCC 3626 B; Firmicutes; Clostridia; Clostridiales
Clostridium perfringens ATCC 13124 B; Firmicutes; Clostridia; Clostridiales
Clostridium tunisiense TJ B; Firmicutes; Clostridia; Clostridiales
Clostridium sp. JC122 B; Firmicutes; Clostridia; Clostridiales
Clostridium ljungdahlii DSM 13528 B; Firmicutes; Clostridia; Clostridiales
Clostridium ljungdahlii DSM 13528 B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum Bf B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum Ba4 str. 657 B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum A3 str. Loch Maree B; Firmicutes; Clostridia; Clostridiales
Clostridium sporogenes PA 3679 B; Firmicutes; Clostridia; Clostridiales
Clostridium sporogenes ATCC 15579 B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum NCTC 2916 B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum CFSAN001627 B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum A2 str. Kyoto B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum F str. Langeland B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum H04402 065 B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum B1 str. Okra B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum A str. Hall B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum A str. ATCC 3502 B; Firmicutes; Clostridia; Clostridiales
Clostridium botulinum A str. ATCC 19397 B; Firmicutes; Clostridia; Clostridiales
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