

Supplemental Information

Bacterial RNA degradosomes: molecular machines under tight control

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Inventory

Table S1: Distribution of RNase J, RNase Y and RNase E in a representative set of 1535 bacterial genomes.

Table S1: Distribution of RNase J, RNase Y and RNase E in a representative set of 1535 bacterial genomes.

(A) These organisms contain all three RNases: RNase E, RNase Y and RNase J.

Organism	Taxonomy
Catenulispora acidiphila DSM 44928 (479433.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Catenulisporineae; Catenulisporaceae; Catenulispora; Catenulispora acidiphila; Catenulispora acidiphila DSM 44928
Acidothermus cellulolyticus 11B (351607.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Frankineae; Acidothermaceae; Acidothermus; Acidothermus cellulolyticus; Acidothermus cellulolyticus 11B
Frankia alni ACN14a (326424.13)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Frankineae; Frankiaceae; Frankia; Frankia alni
Frankia sp. EAN1pec (298653.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Frankineae; Frankiaceae; Frankia; Frankia sp. EAN1pec
Frankia symbiont of Datisca glomerata (656024.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Frankineae; Frankiaceae; Frankia; Frankia symbiont of Datisca glomerata

Nakamurella multipartita DSM 44233 (479431.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Frankineae; Nakamurellaceae; Nakamurella; Nakamurella multipartita; Nakamurella multipartita DSM 44233
Cellulomonas fimi ATCC 484 (590998.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Cellulomonadaceae; Cellulomonas; Cellulomonas fimi; Cellulomonas fimi ATCC 484
Cellulomonas flavigena DSM 20109 (446466.7)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Cellulomonadaceae; Cellulomonas; Cellulomonas flavigena; Cellulomonas flavigena DSM 20109
Jonesia denitrificans DSM 20603 (471856.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Jonesiaceae; Jonesia; Jonesia denitrificans; Jonesia denitrificans DSM 20603
Sanguibacter keddiei keddiei DSM 10542 (446469.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Sanguibacteraceae; Sanguibacter; Sanguibacter keddiei; Sanguibacter keddiei keddiei DSM 10542

<p>Micromonospora aurantiaca ATCC 27029 (644283.3)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micromonosporineae; Micromonosporaceae; Micromonospora; Micromonospora aurantiaca; Micromonospora aurantiaca ATCC 27029</p>
<p>Micromonospora sp. ATCC 39149 (219305.4)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micromonosporineae; Micromonosporaceae; Micromonospora; Micromonospora sp. ATCC 39149</p>
<p>Salinispora arenicola CNS-205 (391037.3)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micromonosporineae; Micromonosporaceae; Salinispora; Salinispora arenicola; Salinispora arenicola CNS-205</p>
<p>Salinispora tropica CNB-440 (369723.3)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micromonosporineae; Micromonosporaceae; Salinispora; Salinispora tropica; Salinispora tropica CNB-440</p>
<p>Verrucosispora maris AB-18-032 (263358.5)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micromonosporineae; Micromonosporaceae; Verrucosispora; Verrucosispora maris; Verrucosispora maris AB-18-032</p>

<p>Kribbella flavida DSM 17836 (479435.6)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Propionibacterineae; Nocardioideae; Kribbella; Kribbella flavida; Kribbella flavida DSM 17836</p>
<p>Propionibacterium acnes SK137 (553199.9)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Propionibacterineae; Propionibacteriaceae; Propionibacterium; Propionibacterium acnes; Propionibacterium acnes SK137</p>
<p>Propionibacterium freudenreichii subsp. shermanii CIRM-BIA1 (754252.3)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Propionibacterineae; Propionibacteriaceae; Propionibacterium; Propionibacterium freudenreichii; Propionibacterium freudenreichii subsp. shermanii; Propionibacterium freudenreichii subsp. shermanii CIRM-BIA1</p>
<p>Propionibacterium sp. 409-HC1 (936047.3)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Propionibacterineae; Propionibacteriaceae; Propionibacterium; Propionibacterium sp. 409-HC1</p>
<p>Thermobispora bispora DSM 43833 (469371.5)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Pseudonocardineae; Pseudonocardiaceae; Thermobispora; Thermobispora bispora; Thermobispora bispora DSM 43833</p>

Thermobifida fusca YX (269800.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptosporangineae; Nocardiosporaceae; Thermobifida; Thermobifida fusca; Thermobifida fusca YX; Thermobifida fusca YX
Streptosporangium roseum DSM 43021 (479432.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptosporangineae; Streptosporangiaceae; Streptosporangium; Streptosporangium roseum; Streptosporangium roseum DSM 43021
Thermomonospora curvata DSM 43183 (471852.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptosporangineae; Thermomonosporaceae; Thermomonospora; Thermomonospora curvata; Thermomonospora curvata DSM 43183
Chloroflexus aggregans DSM 9485 (326427.3)	Bacteria; Chloroflexi; Chloroflexi (class); Chloroflexales; Chloroflexaceae; Chloroflexus; Chloroflexus aggregans
Macrococcus caseolyticus JCSC5402 (458233.11)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Macrococcus; Macrococcus caseolyticus; Macrococcus caseolyticus JCSC5402

Staphylococcus epidermidis RP62A (176279.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus epidermidis; Staphylococcus epidermidis RP62A; Staphylococcus epidermidis RP62A
Turicibacter sp. PC909 (702450.3)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; Turicibacter; Turicibacter sp. PC909
Cellvibrio gilvus ATCC 13127 ([Cellvibrio] gilvus ATCC 13127) (593907.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Cellvibrio; Cellvibrio gilvus; Cellvibrio gilvus ATCC 13127 ([Cellvibrio] gilvus ATCC 13127)
Desulfatibacillum alkenivorans AK-01 (439235.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfobacterales; Desulfobacteraceae; Desulfatibacillum; Desulfatibacillum alkenivorans
Desulfobacterium autotrophicum HRM2 (177437.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfobacterales; Desulfobacteraceae; Desulfobacterium; Desulfobacterium autotrophicum; Desulfobacterium autotrophicum HRM2

Desulfococcus oleovorans Hxd3 (96561.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfobacterales; Desulfobacteraceae; Desulfococcus; Desulfococcus oleovorans; Desulfococcus oleovorans Hxd3
Desulfohalobium retbaense DSM 5692 (485915.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfohalobiaceae; Desulfohalobium; Desulfohalobium retbaense; Desulfohalobium retbaense DSM 5692
Desulfonatronospira thiodismutans ASO3-1 (555779.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfohalobiaceae; Desulfonatronospira; Desulfonatronospira thiodismutans; Desulfonatronospira thiodismutans ASO3-1
Desulfomicrobium baculatum DSM 4028 (525897.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfomicrobiaceae; Desulfomicrobium; Desulfomicrobium baculatum; Desulfomicrobium baculatum DSM 4028
Bilophila wadsworthia 3_1_6 (563192.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Bilophila; Bilophila wadsworthia; Bilophila wadsworthia 3_1_6

Desulfovibrio aespoeensis Asp-2 (643562.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrio; Desulfovibrio aespoeensis; Desulfovibrio aespoeensis Asp-2
Desulfovibrio desulfuricans subsp. desulfuricans str. ATCC 27774 (525146.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrio; Desulfovibrio desulfuricans; Desulfovibrio desulfuricans subsp. desulfuricans
Desulfovibrio magneticus RS-1 (573370.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrio; Desulfovibrio magneticus; Desulfovibrio magneticus RS-1
Desulfovibrio piger ATCC 29098 (411464.8)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrio; Desulfovibrio piger; Desulfovibrio piger ATCC 29098
Desulfovibrio salexigens DSM 2638 (526222.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrio; Desulfovibrio salexigens; Desulfovibrio salexigens DSM 2638

Desulfovibrio sp. FW1012B (644968.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrio; Desulfovibrio sp. FW1012B
Desulfovibrio vulgaris str. Hildenborough (882.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrio; Desulfovibrio vulgaris; Desulfovibrio vulgaris str. Hildenborough
Lawsonia intracellularis PHE/MN1-00 (363253.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Lawsonia; Lawsonia intracellularis
Desulfuromonas acetoxidans DSM 684 (281689.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfuromonadales; Desulfuromonadaceae; Desulfuromonas; Desulfuromonas acetoxidans; Desulfuromonas acetoxidans DSM 684
Geobacter bemidjiensis Bem (404380.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter; Geobacter bemidjiensis
Geobacter lovleyi SZ (398767.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter; Geobacter lovleyi; Geobacter lovleyi SZ

Geobacter metallireducens GS-15 (269799.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter; Geobacter metallireducens; Geobacter metallireducens GS-15; Geobacter metallireducens GS-15
Geobacter sulfurreducens PCA (243231.1)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter; Geobacter sulfurreducens; Geobacter sulfurreducens PCA; Geobacter sulfurreducens PCA
Geobacter uraniireducens Rf4 (351605.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter; Geobacter uraniireducens; Geobacter uraniireducens Rf4
Pelobacter carbinolicus DSM 2380 (338963.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfuromonadales; Pelobacteraceae; Pelobacter; Pelobacter carbinolicus; Pelobacter carbinolicus DSM 2380; Pelobacter carbinolicus DSM 2380
Pelobacter propionicus DSM 2379 (338966.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfuromonadales; Pelobacteraceae; Pelobacter; Pelobacter propionicus; Pelobacter propionicus DSM 2379

Desulfobacca acetoxidans DSM 11109 (880072.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Syntrophobacterales; Syntrophaceae; Desulfobacca; Desulfobacca acetoxidans; Desulfobacca acetoxidans DSM 11109
Syntrophobacter fumaroxidans MPOB (335543.6)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Syntrophobacterales; Syntrophobacteraceae; Syntrophobacter; Syntrophobacter fumaroxidans; Syntrophobacter fumaroxidans MPOB; Syntrophobacter fumaroxidans MPOB
Magnetococcus sp. MC-1 (156889.7)	Bacteria; Proteobacteria; unclassified Proteobacteria; Magnetococcus; Magnetococcus sp. MC-1

(B) These organisms contain only RNase E.

Organism	Taxonomy
Mycobacterium ulcerans Agy99 (362242.7)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium ulcerans; Mycobacterium ulcerans Agy99
Isoptricola variabilis 225 (743718.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Promicromonosporaceae; Isoptricola; Isoptricola variabilis; Isoptricola variabilis 225

Cylindrospermopsis raciborskii CS-505 (533240.4)	Bacteria; Cyanobacteria; Nostocales; Nostocaceae; Cylindrospermopsis; Cylindrospermopsis raciborskii; Cylindrospermopsis raciborskii CS-505
Oscillatoria sp. PCC 6506 (Oscillatoria sp. PCC 9029) (272129.4)	Bacteria; Cyanobacteria; Oscillatoriales; Oscillatoria; Oscillatoria sp. PCC 6506 (Oscillatoria sp. PCC 9029)
Acaryochloris sp. CCME 5410 (310037.4)	Bacteria; Cyanobacteria; unclassified Cyanobacteria; Acaryochloris; Acaryochloris sp. CCME 5410
Paracoccus sp. TRP (412597.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Paracoccus; Paracoccus sp. TRP
Acidiphilium multivorum AIU301 (926570.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Acidiphilium; Acidiphilium multivorum; Acidiphilium multivorum AIU301
Gluconacetobacter europaeus LMG 18494 (940284.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Gluconacetobacter; Gluconacetobacter europaeus; Gluconacetobacter europaeus LMG 18494
Gluconacetobacter oboediens 174Bp2 (940286.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Gluconacetobacter; Gluconacetobacter oboediens; Gluconacetobacter oboediens 174Bp2

Gluconacetobacter sp. SXCC-1 (1004836.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Gluconacetobacter; Gluconacetobacter sp. SXCC-1
Wolbachia endosymbiont of Drosophila willistoni TSC#14030-0811.24 (384035.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Wolbachieae; Wolbachia; Wolbachia endosymbiont of Drosophila willistoni; Wolbachia endosymbiont of Drosophila willistoni TSC#14030-0811.24
Achromobacter piechaudii ATCC 43553 (742159.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae; Achromobacter; Achromobacter piechaudii; Achromobacter piechaudii ATCC 43553
Achromobacter xylooxidans A8 (762376.5)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae; Achromobacter; Achromobacter xylooxidans; Achromobacter xylooxidans A8
Bordetella avium 197N (360910.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae; Bordetella; Bordetella avium
Bordetella bronchiseptica RB50 (257310.1)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae; Bordetella; Bordetella bronchiseptica; Bordetella bronchiseptica RB50; Bordetella bronchiseptica RB50

Bordetella parapertussis 12822 (257311.1)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae; Bordetella; Bordetella parapertussis; Bordetella parapertussis 12822; Bordetella parapertussis 12822
Bordetella pertussis Tohama I (257313.1)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae; Bordetella; Bordetella pertussis; Bordetella pertussis Tohama I; Bordetella pertussis Tohama I
Bordetella petrii DSM 12804 (340100.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae; Bordetella; Bordetella petrii; Bordetella petrii DSM 12804
Pusillimonas sp. T7-7 (1007105.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae; Pusillimonas; Pusillimonas sp. T7-7
Taylorella equigenitalis MCE9 (937774.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae; Taylorella; Taylorella equigenitalis; Taylorella equigenitalis MCE9
Burkholderia ambifaria AMMD (339670.8)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia cepacia complex; Burkholderia ambifaria; Burkholderia ambifaria AMMD

Burkholderia cenocepacia AU 1054 (331271.8)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia cepacia complex; Burkholderia cenocepacia; Burkholderia cenocepacia AU 1054
Burkholderia cepacia R18194 (269483.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia cepacia complex; Burkholderia cepacia R18194; Burkholderia cepacia R18194
Burkholderia dolosa AUO158 (350701.6)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia cepacia complex; Burkholderia dolosa; Burkholderia dolosa AUO158
Burkholderia multivorans ATCC 17616 (395019.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia cepacia complex; Burkholderia multivorans; Burkholderia multivorans ATCC 17616
Burkholderia multivorans CGD2M (513053.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia cepacia complex; Burkholderia multivorans; Burkholderia multivorans CGD2M
Burkholderia vietnamiensis G4 (269482.11)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia cepacia complex; Burkholderia vietnamiensis; Burkholderia vietnamiensis G4

Burkholderia gladioli BSR3 (999541.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia gladioli; Burkholderia gladioli BSR3
Burkholderia glumae BGR1 (626418.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia glumae; Burkholderia glumae BGR1
Burkholderia graminis C4D1M (396598.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia graminis; Burkholderia graminis C4D1M
Burkholderia mallei 10229 (320386.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia mallei; Burkholderia mallei 10229; Burkholderia mallei 10229
Burkholderia mallei ATCC 23344 (243160.4)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia mallei; Burkholderia mallei ATCC 23344; Burkholderia mallei ATCC 23344
Burkholderia mallei GB8 horse 4 (320390.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia mallei; Burkholderia mallei GB8 horse 4; Burkholderia mallei GB8 horse 4
Burkholderia phymatum STM815 (391038.7)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia phymatum; Burkholderia phymatum STM815

Burkholderia phytofirmans PsJN (398527.4)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia phytofirmans; Burkholderia phytofirmans PsJN
Burkholderia rhizoxinica HKI 454 (882378.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia rhizoxinica; Burkholderia rhizoxinica HKI 454
Burkholderia sp. CCGE1001 (640510.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia sp. CCGE1001
Burkholderia sp. H160 (516466.4)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia sp. H160
Burkholderia xenovorans LB400 (266265.5)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; Burkholderia xenovorans; Burkholderia xenovorans LB400
Burkholderia pseudomallei K96243 (272560.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; pseudomallei group; Burkholderia pseudomallei; Burkholderia pseudomallei K96243; Burkholderia pseudomallei K96243
Burkholderia thailandensis ATCC 700388 (271848.8)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Burkholderia; pseudomallei group; Burkholderia thailandensis; Burkholderia thailandensis ATCC 700388

Cupriavidus metallidurans CH34 (266264.4)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Cupriavidus; Cupriavidus metallidurans; Cupriavidus metallidurans CH34
Ralstonia metallidurans CH34 (266264.9)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Cupriavidus; Cupriavidus metallidurans; Ralstonia metallidurans CH34
Ralstonia eutropha H16 (381666.6)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Cupriavidus; Cupriavidus necator; Ralstonia eutropha H16
Ralstonia eutropha JMP134 (264198.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Cupriavidus; Cupriavidus necator; Ralstonia eutropha JMP134; Ralstonia eutropha JMP134
Cupriavidus taiwanensis (164546.7)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Cupriavidus; Cupriavidus taiwanensis
Lautropia mirabilis ATCC 51599 (887898.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Lautropia; Lautropia mirabilis; Lautropia mirabilis ATCC 51599
Limnobacter sp. MED105 (391597.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Limnobacter; Limnobacter sp. MED105

Polynucleobacter necessarius subsp. necessarius STIR1 (452638.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Polynucleobacter; Polynucleobacter necessarius; Polynucleobacter necessarius subsp. necessarius
Polynucleobacter sp. QLW-P1DMWA-1 (312153.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Polynucleobacter; Polynucleobacter sp. QLW-P1DMWA-1
Ralstonia pickettii 12D (428406.5)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Ralstonia; Ralstonia pickettii; Ralstonia pickettii 12D
Ralstonia solanacearum GMI1000 (267608.1)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Burkholderiaceae; Ralstonia; Ralstonia solanacearum; Ralstonia solanacearum GMI1000; Ralstonia solanacearum GMI1000
Acidovorax avenae subsp. avenae ATCC 19860 (643561.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Acidovorax; Acidovorax avenae; Acidovorax avenae subsp. avenae; Acidovorax avenae subsp. avenae ATCC 19860
Acidovorax radicans N35 (999386.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Acidovorax; Acidovorax radicans; Acidovorax radicans N35

Acidovorax sp. JS42 (232721.5)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Acidovorax; Acidovorax sp. JS42
Alicycliphilus denitrificans BC (596153.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Alicycliphilus; Alicycliphilus denitrificans; Alicycliphilus denitrificans BC
Comamonas testosteroni CNB-2 (688245.4)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Comamonas; Comamonas testosteroni; Comamonas testosteroni CNB- 1; Comamonas testosteroni CNB-2
Delftia acidovorans SPH-1 (398578.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Delftia; Delftia acidovorans; Delftia acidovorans SPH-1
Delftia sp. Cs1-4 (742013.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Delftia; Delftia sp. Cs1-4
Diaphorobacter sp. TPSY (535289.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Diaphorobacter; Diaphorobacter sp. TPSY
Hylemonella gracilis ATCC 19624 (887062.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Hylemonella; Hylemonella gracilis; Hylemonella gracilis ATCC 19624

Polaromonas sp. JS666 (296591.12)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Polaromonas; Polaromonas sp. JS666
Ramlibacter tataouinensis TTB310 (365046.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Ramlibacter; Ramlibacter tataouinensis; Ramlibacter tataouinensis TTB310
Rhodoferax ferrireducens DSM 15236 (338969.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Rhodoferax; Rhodoferax ferrireducens; Rhodoferax ferrireducens DSM 15236; Rhodoferax ferrireducens DSM 15236
Variovorax paradoxus S110 (543728.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Variovorax; Variovorax paradoxus; Variovorax paradoxus S110
Verminephrobacter eiseniae EF01-2 (391735.5)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Verminephrobacter; Verminephrobacter eiseniae; Verminephrobacter eiseniae EF01-2; Verminephrobacter eiseniae EF01-2
Methylibium petroleiphilum PM1 (420662.8)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Methylibium.
Herbaspirillum seropedicae SmR1 (757424.7)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae; Herbaspirillum; Herbaspirillum seropedicae; Herbaspirillum seropedicae SmR1

Herminiimonas arsenicoxydans (204773.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae; Herminiimonas; Herminiimonas arsenicoxydans; Herminiimonas arsenicoxydans
Janthinobacterium sp. Marseille (375286.6)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae; Janthinobacterium
Oxalobacter formigenes HOxBLS (556268.6)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae; Oxalobacter; Oxalobacter formigenes; Oxalobacter formigenes HOxBLS
Parasutterella excrementihominis YIT 11859 (762966.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Sutterellaceae; Parasutterella; Parasutterella excrementihominis; Parasutterella excrementihominis YIT 11859
Sutterella wadsworthensis 3_1_45B (742821.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Sutterellaceae; Sutterella; Sutterella wadsworthensis; Sutterella wadsworthensis 3_1_45B
Leptothrix cholodni SP-6 (395495.3)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; unclassified Burkholderiales; Burkholderiales Genera incertae sedis; Leptothrix; Leptothrix cholodnii; Leptothrix cholodni SP-6
Thiomonas intermedia K12 (75379.4)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; unclassified Burkholderiales; Burkholderiales Genera incertae sedis; Thiomonas; Thiomonas intermedia; Thiomonas intermedia K12

Burkholderiales bacterium 1_1_47 (469610.4)	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; unclassified Burkholderiales; unclassified Burkholderiales (miscellaneous); Burkholderiales bacterium 1_1_47
Gallionella capsiferriformans ES-2 (395494.4)	Bacteria; Proteobacteria; Betaproteobacteria; Gallionellales; Gallionellaceae; Gallionella; Gallionella capsiferriformans; Gallionella capsiferriformans ES-2
Gallionella ferruginea ES-2 (395494.3)	Bacteria; Proteobacteria; Betaproteobacteria; Gallionellales; Gallionellaceae; Gallionella; Gallionella capsiferriformans; Gallionella ferruginea ES-2
Sideroxydans lithotrophicus ES-1 (580332.5)	Bacteria; Proteobacteria; Betaproteobacteria; Gallionellales; Gallionellaceae; Sideroxydans; Sideroxydans lithotrophicus; Sideroxydans lithotrophicus ES-1
Thiobacillus denitrificans ATCC 25259 (292415.3)	Bacteria; Proteobacteria; Betaproteobacteria; Hydrogenophilales; Hydrogenophilaceae; Thiobacillus; Thiobacillus denitrificans; Thiobacillus denitrificans ATCC 25259; Thiobacillus denitrificans ATCC 25259
Methylobacillus flagellatus KT (265072.7)	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae; Methylobacillus; Methylobacillus flagellatus; Methylobacillus flagellatus KT; Methylobacillus flagellatus KT
Methylothera mobilis JLW8 (583345.3)	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae; Methylothera; Methylothera mobilis; Methylothera mobilis JLW8

Methylothera sp. 301 (666681.3)	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae; Methylothera; Methylothera sp. 301
Methylovorus sp. SIP3-4 (582744.3)	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae; Methylovorus; Methylovorus sp. SIP3-4
Methylophilales bacterium HTCC2181 (383631.3)	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; unclassified Methylophilales; Methylophilales bacterium HTCC2181
Chromobacterium violaceum ATCC 12472 (243365.1)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Chromobacterium group; Chromobacterium; Chromobacterium violaceum; Chromobacterium violaceum ATCC 12472; Chromobacterium violaceum ATCC 12472
Lutiella nitroferrum 2002 (279714.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Chromobacterium group; Lutiella; Lutiella nitroferrum; Lutiella nitroferrum 2002
Eikenella corrodens ATCC 23834 (546274.4)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Eikenella; Eikenella corrodens; Eikenella corrodens ATCC 23834
Kingella denitrificans ATCC 33394 (888741.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Kingella; Kingella denitrificans; Kingella denitrificans ATCC 33394

Kingella kingae ATCC 23330 (887327.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Kingella; Kingella kingae; Kingella kingae ATCC 23330
Kingella oralis ATCC 51147 (629741.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Kingella; Kingella oralis; Kingella oralis ATCC 51147
Laribacter hongkongensis HLHK9 (557598.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Laribacter; Laribacter hongkongensis; Laribacter hongkongensis HLHK9
Neisseria cinerea ATCC 14685 (546262.4)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria cinerea; Neisseria cinerea ATCC 14685
Neisseria elongata subsp. glycolytica ATCC 29315 (546263.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria elongata; Neisseria elongata subsp. glycolytica; Neisseria elongata subsp. glycolytica ATCC 29315
Neisseria flavescens NRL30031/H210 (546264.5)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria flavescens; Neisseria flavescens NRL30031/H210
Neisseria flavescens SK114 (596320.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria flavescens; Neisseria flavescens SK114

Neisseria lactamica ATCC 23970 (546265.5)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria lactamica; Neisseria lactamica ATCC 23970
Neisseria meningitidis ATCC 13091 (862513.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria meningitidis; Neisseria meningitidis ATCC 13091
Neisseria mucosa ATCC 25996 (546266.6)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria mucosa; Neisseria mucosa ATCC 25996
Neisseria polysaccharea ATCC 43768 (546267.4)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria polysaccharea; Neisseria polysaccharea ATCC 43768
Neisseria sicca 4320 (933266.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria sicca; Neisseria sicca 4320
Neisseria sicca ATCC 29256 (547045.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria sicca; Neisseria sicca ATCC 29256
Neisseria sp. oral taxon 014 str. F0314 (641149.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria sp. oral taxon 014; Neisseria sp. oral taxon 014 str. F0314

Neisseria subflava NJ9703 (546268.4)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria subflava; Neisseria subflava NJ9703
Simonsiella muelleri ATCC 29453 (641147.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Simonsiella; Simonsiella muelleri; Simonsiella muelleri ATCC 29453
Nitrosomonas europaea ATCC 19718 (228410.1)	Bacteria; Proteobacteria; Betaproteobacteria; Nitrosomonadales; Nitrosomonadaceae; Nitrosomonas; Nitrosomonas europaea; Nitrosomonas europaea ATCC 19718; Nitrosomonas europaea ATCC 19718
Nitrosomonas sp. AL212 (153948.3)	Bacteria; Proteobacteria; Betaproteobacteria; Nitrosomonadales; Nitrosomonadaceae; Nitrosomonas; Nitrosomonas sp. AL212
Nitrospira multiformis ATCC 25196 (323848.3)	Bacteria; Proteobacteria; Betaproteobacteria; Nitrosomonadales; Nitrosomonadaceae; Nitrospira; Nitrospira multiformis; Nitrospira multiformis ATCC 25196
Aromatoleum aromaticum EbN1 (76114.8)	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae; Aromatoleum; Aromatoleum aromaticum; Aromatoleum aromaticum EbN1
Azoarcus sp. BH72 (62928.7)	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae; Azoarcus

Azoarcus sp. EbN1 (76114.4)	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae; Azoarcus; Azoarcus sp. EbN1; Azoarcus sp. EbN1
Dechloromonas aromatica RCB (159087.4)	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae; Dechloromonas; Dechloromonas aromatica; Dechloromonas aromatica RCB; Dechloromonas aromatica RCB
Methyloversatilis universalis FAM5 (1000565.3)	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae; Methyloversatilis; Methyloversatilis universalis; Methyloversatilis universalis FAM5
Thauera sp. MZ1T (85643.4)	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae; Thauera; Thauera sp. MZ1T
Accumulibacter phosphatis clade IIA str. UW-1 (522306.3)	Bacteria; Proteobacteria; Betaproteobacteria; unclassified Betaproteobacteria; Accumulibacter; Accumulibacter phosphatis; Accumulibacter phosphatis clade IIA str. UW- 1
beta proteobacterium KB13 (314607.3)	Bacteria; Proteobacteria; Betaproteobacteria; unclassified Betaproteobacteria; unclassified Betaproteobacteria (miscellaneous); beta proteobacterium KB13
Acidithiobacillus caldus ATCC 51756 (637389.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Acidithiobacillales; Acidithiobacillaceae; Acidithiobacillus; Acidithiobacillus caldus; Acidithiobacillus caldus ATCC 51756

Acidithiobacillus ferrivorans SS3 (743299.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Acidithiobacillales; Acidithiobacillaceae; Acidithiobacillus; Acidithiobacillus ferrivorans; Acidithiobacillus ferrivorans SS3
Acidithiobacillus ferrooxidans ATCC 53993 (380394.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Acidithiobacillales; Acidithiobacillaceae; Acidithiobacillus; Acidithiobacillus ferrooxidans
Aeromonas caviae Ae398 (878320.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Aeromonadales; Aeromonadaceae; Aeromonas; Aeromonas caviae; Aeromonas caviae Ae398
Aeromonas hydrophila subsp. hydrophila ATCC 7966 (380703.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Aeromonadales; Aeromonadaceae; Aeromonas; Aeromonas hydrophila; Aeromonas hydrophila subsp. hydrophila; Aeromonas hydrophila subsp. hydrophila ATCC 7966
Aeromonas salmonicida subsp. salmonicida A449 (382245.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Aeromonadales; Aeromonadaceae; Aeromonas; Aeromonas salmonicida; Aeromonas salmonicida subsp. salmonicida; Aeromonas salmonicida subsp. salmonicida A449
Aeromonas veronii B565 (998088.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Aeromonadales; Aeromonadaceae; Aeromonas; Aeromonas veronii; Aeromonas veronii B565

Tolumonas auensis DSM 9187 (595494.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Aeromonadales; Aeromonadaceae; Tolumonas; Tolumonas auensis; Tolumonas auensis DSM 9187
Succinatimonas hippei YIT 12066 (762983.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Aeromonadales; Succinivibrionaceae; Succinatimonas; Succinatimonas hippei; Succinatimonas hippei YIT 12066
Glaciecola sp. 4H-3-7+YE-5 (983545.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Glaciecola; Glaciecola sp. 4H-3-7+YE-5
Glaciecola sp. HTCC2999 (455436.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Glaciecola; Glaciecola sp. HTCC2999
Marinobacter algicola DG893 (443152.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Marinobacter; Marinobacter algicola; Marinobacter algicola DG893
Marinobacter aquaeolei VT8 (351348.9)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Marinobacter; Marinobacter hydrocarbonoclasticus; Marinobacter aquaeolei VT8
Marinobacter sp. ELB17 (270374.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Marinobacter; Marinobacter sp. ELB17

marine bacterium HP15 (225937.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Marinobacter; unclassified Marinobacter; marine bacterium HP15
Saccharophagus degradans 2-40 (203122.12)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Saccharophagus; Saccharophagus degradans; Saccharophagus degradans 2-40
Teredinibacter turnerae T7901 (377629.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadales genera incertae sedis; Teredinibacter; Teredinibacter turnerae; Teredinibacter turnerae T7901
Colwellia psychrerythraea 34H (167879.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Colwelliaceae; Colwellia; Colwellia psychrerythraea; Colwellia psychrerythraea 34H; Colwellia psychrerythraea 34H
Ferrimonas balearica DSM 9799 (550540.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Ferrimonadaceae; Ferrimonas; Ferrimonas balearica; Ferrimonas balearica DSM 9799
Idiomarina baltica OS145 (314276.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Idiomarinaceae; Idiomarina; Idiomarina baltica; Idiomarina baltica OS145

Idiomarina loihiensis L2TR (283942.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Idiomarinaceae; Idiomarina; Idiomarina loihiensis; Idiomarina loihiensis L2TR; Idiomarina loihiensis L2TR
Moritella sp. PE36 (58051.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Moritellaceae; Moritella; Moritella sp. PE36
Pseudoalteromonas atlantica T6c (342610.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Pseudoalteromonadaceae; Pseudoalteromonas; Pseudoalteromonas atlantica; Pseudoalteromonas atlantica T6c
Pseudoalteromonas haloplanktis TAC125 (326442.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Pseudoalteromonadaceae; Pseudoalteromonas; Pseudoalteromonas haloplanktis; Pseudoalteromonas haloplanktis TAC125; Pseudoalteromonas haloplanktis TAC125
Pseudoalteromonas tunicata D2 (87626.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Pseudoalteromonadaceae; Pseudoalteromonas; Pseudoalteromonas tunicata; Pseudoalteromonas tunicata D2
Psychromonas ingrahamii 37 (357804.7)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Psychromonadaceae; Psychromonas; Psychromonas ingrahamii; Psychromonas ingrahamii 37
Psychromonas sp. CNPT3 (314282.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Psychromonadaceae; Psychromonas; Psychromonas sp. CNPT3

Shewanella amazonensis SB2B (326297.7)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella amazonensis; Shewanella amazonensis SB2B; Shewanella amazonensis SB2B
Shewanella baltica OS155 (325240.9)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella baltica; Shewanella baltica OS155
Shewanella benthica KT99 (314608.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella benthica; Shewanella benthica KT99
Shewanella denitrificans OS217 (318161.14)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella denitrificans; Shewanella denitrificans OS217; Shewanella denitrificans OS217
Shewanella halifaxensis HAW-EB4 (458817.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella halifaxensis; Shewanella halifaxensis HAW-EB4
Shewanella loihica PV-4 (323850.11)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella loihica; Shewanella loihica PV-4
Shewanella oneidensis MR-1 (211586.9)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella oneidensis MR-1.

Shewanella pealeana ATCC 700345 (398579.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella pealeana; Shewanella pealeana ATCC 700345; Shewanella pealeana ATCC 700345
Shewanella piezotolerans WP3 (225849.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella piezotolerans
Shewanella putrefaciens CN-32 (319224.13)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella putrefaciens; Shewanella putrefaciens CN- 32; Shewanella putrefaciens CN-32
Shewanella sediminis HAW-EB3 (425104.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella sediminis; Shewanella sediminis HAW-EB3; Shewanella sediminis HAW-EB3
Shewanella violacea DSS12 (637905.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella violacea; Shewanella violacea DSS12
Shewanella woodyi ATCC 51908 (392500.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Shewanellaceae; Shewanella; Shewanella woodyi; Shewanella woodyi ATCC 51908
Alteromonadales bacterium TW-7 (156578.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; unclassified Alteromonadales; Alteromonadales bacterium TW-7

Cardiobacterium hominis ATCC 15826 (638300.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Cardiobacteriales; Cardiobacteriaceae; Cardiobacterium; Cardiobacterium hominis; Cardiobacterium hominis ATCC 15826
Dichelobacter nodosus VCS1703A (246195.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Cardiobacteriales; Cardiobacteriaceae; Dichelobacter; Dichelobacter nodosus
Allochromatium vinosum DSM 180 (572477.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Chromatiaceae; Allochromatium; Allochromatium vinosum; Allochromatium vinosum DSM 180
Nitrosococcus halophilus Nc4 (472759.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Chromatiaceae; Nitrosococcus; Nitrosococcus halophilus; Nitrosococcus halophilus Nc4
Nitrosococcus oceani ATCC 19707 (323261.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Chromatiaceae; Nitrosococcus; Nitrosococcus oceani; Nitrosococcus oceani ATCC 19707; Nitrosococcus oceani ATCC 19707
Nitrosococcus watsoni C- 113 (105559.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Chromatiaceae; Nitrosococcus; Nitrosococcus watsoni; Nitrosococcus watsoni C-113
Rheinheimera sp. A13L (506534.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Chromatiaceae; Rheinheimera; Rheinheimera sp. A13L

Alkalilimnicola ehrlichii MLHE-1 (187272.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Ectothiorhodospiraceae; Alkalilimnicola; Alkalilimnicola ehrlichei; Alkalilimnicola ehrlichei MLHE-1; Alkalilimnicola ehrlichei MLHE-1
Halorhodospira halophila SL1 (349124.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Ectothiorhodospiraceae; Halorhodospira; Halorhodospira halophila; Halorhodospira halophila SL1
Nitrococcus mobilis Nb- 231 (314278.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Ectothiorhodospiraceae; Nitrococcus; Nitrococcus mobilis; Nitrococcus mobilis Nb-231
Thioalkalivibrio sp. HL- EbGR7 (396588.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Ectothiorhodospiraceae; Thioalkalivibrio
Thioalkalivibrio sp. K90mix (396595.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Ectothiorhodospiraceae; Thioalkalivibrio; Thioalkalivibrio sp. K90mix
Halothiobacillus neapolitanus c2 (555778.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Halothiobacillaceae; Halothiobacillus; Halothiobacillus neapolitanus; Halothiobacillus neapolitanus c2
Buchnera aphidicola str. Tuc7 (Acyrtosiphon pisum) (561501.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Buchnera; Buchnera aphidicola; Buchnera aphidicola (Acyrtosiphon pisum)

Buchnera aphidicola str. 5A (Acyrtosiphon pisum) (563178.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Buchnera; Buchnera aphidicola; Buchnera aphidicola (Acyrtosiphon pisum); Buchnera aphidicola str. APS (Acyrtosiphon pisum)
Citrobacter koseri ATCC BAA-895 (290338.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Citrobacter; Citrobacter koseri
Citrobacter rodentium ICC168 (637910.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Citrobacter; Citrobacter rodentium; Citrobacter rodentium ICC168
Citrobacter sp. 30_2 (469595.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Citrobacter; Citrobacter sp. 30_2
Citrobacter youngae ATCC 29220 (500640.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Citrobacter; Citrobacter youngae; Citrobacter youngae ATCC 29220
Cronobacter sakazakii ATCC BAA-894 (290339.8)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Cronobacter; Cronobacter sakazakii; Cronobacter sakazakii ATCC BAA-894
Cronobacter turicensis z3032 (693216.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Cronobacter; Cronobacter turicensis; Cronobacter turicensis z3032

Dickeya dadantii Ech586 (590409.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Dickeya; Dickeya dadantii; Dickeya dadantii Ech586
Dickeya zeae Ech1591 (561229.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Dickeya; Dickeya zeae; Dickeya zeae Ech1591
Edwardsiella ictaluri 93- 146 (634503.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Edwardsiella; Edwardsiella ictaluri; Edwardsiella ictaluri 93-146
Enterobacter aerogenes KCTC 2190 (1028307.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Enterobacter; Enterobacter aerogenes; Enterobacter aerogenes KCTC 2190
Enterobacter cancerogenus ATCC 35316 (500639.8)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Enterobacter; Enterobacter cancerogenus; Enterobacter cancerogenus ATCC 35316
Enterobacter cloacae subsp. cloacae ATCC 13047 (716541.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Enterobacter; Enterobacter cloacae complex; Enterobacter cloacae; Enterobacter cloacae subsp. cloacae; Enterobacter cloacae subsp. cloacae ATCC 13047

Enterobacter hormaechei ATCC 49162 (888063.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Enterobacter; Enterobacter cloacae complex; Enterobacter hormaechei; Enterobacter hormaechei subsp. hormaechei; Enterobacter hormaechei ATCC 49162
Enterobacter mori LMG 25706 (980518.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Enterobacter; Enterobacter mori; Enterobacter mori LMG 25706
Enterobacter sp. 638 (399742.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Enterobacter; Enterobacter sp. 638; Enterobacter sp. 638
Erwinia amylovora ATCC 49946 (716540.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Erwinia; Erwinia amylovora; Erwinia amylovora ATCC 49946
Erwinia billingiae Eb661 (634500.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Erwinia; Erwinia billingiae; Erwinia billingiae Eb661
Erwinia pyrifoliae DSM 12163 (644651.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Erwinia; Erwinia pyrifoliae; Erwinia pyrifoliae DSM 12163
Erwinia tasmaniensis Et1/99 (465817.9)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Erwinia; Erwinia tasmaniensis; Erwinia tasmaniensis Et1/99
Escherichia albertii TW07627 (502347.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia albertii; Escherichia albertii TW07627

Escherichia coli APEC O1 (405955.13)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli APEC O1
Escherichia coli B str. REL606 (413997.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli B; Escherichia coli B str. REL606
Escherichia coli BL21(DE3) (469008.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli BL21(DE3)
Escherichia coli ATCC 8739 (481805.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli C; Escherichia coli ATCC 8739
Escherichia coli DH1 (536056.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli DH1
Escherichia coli str. K-12 substr. MG1655 (511145.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli K-12
Escherichia coli str. K-12 substr. DH10B (316385.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli K-12

Escherichia coli K12 (83333.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli K12; Escherichia coli K12
Escherichia coli W3110 (316407.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli K12; Escherichia coli W3110; Escherichia coli W3110
Escherichia coli O157:H7 EDL933 (155864.8)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli O157:H7 EDL933
Escherichia coli O157:H7 (83334.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli O157:H7; Escherichia coli O157:H7
Escherichia coli O26:H11 str. 11368 (573235.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli O26:H11; Escherichia coli O26:H11 str. 11368
Escherichia coli O55:H7 str. CB9615 (701177.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia coli; Escherichia coli O55:H7; Escherichia coli O55:H7 str. CB9615

Escherichia fergusonii ATCC 35469 (585054.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia fergusonii; Escherichia fergusonii ATCC 35469
Escherichia sp. TW09308 (754331.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; Escherichia sp. TW09308
Klebsiella pneumoniae MGH 78578 (272620.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Klebsiella; Klebsiella pneumoniae; Klebsiella pneumoniae subsp. pneumoniae; Klebsiella pneumonia MGH 78578
Klebsiella pneumoniae subsp. rhinoscleromatis ATCC 13884 (667127.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Klebsiella; Klebsiella pneumoniae; Klebsiella pneumoniae subsp. rhinoscleromatis; Klebsiella pneumoniae subsp. rhinoscleromatis ATCC 13884
Klebsiella variicola At-22 (640131.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Klebsiella; Klebsiella variicola; Klebsiella variicola At-22
Pantoea ananatis LMG 20103 (706191.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Pantoea; Pantoea ananatis; Pantoea ananatis LMG 20103

Pantoea sp. At-9b (592316.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Pantoea; Pantoea sp. At-9b
Pantoea vagans C9-1 (712898.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Pantoea; Pantoea vagans; Pantoea vagans C9-1
Erwinia carotovora subsp. atroseptica SCRI1043 (218491.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Pectobacterium; Pectobacterium atrosepticum; Erwinia carotovora subsp. atroseptica SCRI1043; Erwinia carotovora subsp. atroseptica SCRI1043
Pectobacterium atrosepticum SCRI1043 (218491.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Pectobacterium; Pectobacterium atrosepticum; Pectobacterium atrosepticum SCRI1043
Pectobacterium carotovorum subsp. carotovorum PC1 (561230.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Pectobacterium; Pectobacterium carotovorum; Pectobacterium carotovorum subsp. carotovorum; Pectobacterium carotovorum subsp. carotovorum PC1
Pectobacterium carotovorum subsp. carotovorum WPP14 (558270.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Pectobacterium; Pectobacterium carotovorum; Pectobacterium carotovorum subsp. carotovorum; Pectobacterium carotovorum subsp. carotovorum WPP14

Pectobacterium wasabiae WPP163 (561231.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Pectobacterium; Pectobacterium wasabiae; Pectobacterium wasabiae WPP163
Photorhabdus asymbiotica (291112.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Photorhabdus; Photorhabdus asymbiotica
Photorhabdus luminescens subsp. laumondii TTO1 (243265.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Photorhabdus; Photorhabdus luminescens; Photorhabdus luminescens subsp. laumondii; Photorhabdus luminescens subsp. laumondii TTO1; Photorhabdus luminescens subsp. laumondii TTO1
Proteus mirabilis ATCC 29906 (525369.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Proteus; Proteus mirabilis; Proteus mirabilis ATCC 29906
Proteus penneri ATCC 35198 (471881.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Proteus; Proteus penneri; Proteus penneri ATCC 35198
Providencia alcalifaciens DSM 30120 (520999.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Providencia; Providencia alcalifaciens; Providencia alcalifaciens DSM 30120
Providencia rettgeri DSM 1131 (521000.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Providencia; Providencia rettgeri; Providencia rettgeri DSM 1131

Providencia rustigianii DSM 4541 (500637.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Providencia; Providencia rustigianii; Providencia rustigianii DSM 4541
Providencia stuartii ATCC 25827 (471874.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Providencia; Providencia stuartii; Providencia stuartii ATCC 25827
Rahnella sp. Y9602 (741091.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Rahnella; Rahnella sp. Y9602
Riesia pediculicola USDA (515618.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Riesia; Riesia pediculicola; Riesia pediculicola USDA
Salmonella bongori 12149 (12149.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Salmonella; Salmonella bongori 12149
Salmonella bongori NCTC 12419 (218493.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Salmonella; Salmonella bongori; Salmonella bongori NCTC 12419
Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67 (321314.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Salmonella; Salmonella enterica; Salmonella enterica subsp. enterica; Salmonella enterica subsp. enterica serovar Choleraesuis; Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67; Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67

Salmonella enterica subsp. enterica serovar Paratyphi A str. AKU_12601 (554290.7)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Salmonella; Salmonella enterica; Salmonella enterica subsp. enterica; Salmonella enterica subsp. enterica serovar Paratyphi A
Salmonella enterica subsp. enterica serovar Typhi str. Ty2 (209261.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Salmonella; Salmonella enterica; Salmonella enterica subsp. enterica; Salmonella enterica subsp. enterica serovar Typhi; Salmonella enterica subsp. enterica serovar Typhi str. Ty2
Salmonella enterica subsp. enterica serovar Typhimurium str. LT2 (99287.12)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Salmonella; Salmonella enterica; Salmonella enterica subsp. enterica; Salmonella enterica subsp. enterica serovar Typhimurium; Salmonella enterica subsp. enterica serovar Typhimurium str. LT2
Salmonella typhimurium LT2 (99287.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Salmonella; Salmonella typhimurium; Salmonella typhimurium LT2; Salmonella typhimurium LT2
Serratia marcescens Db11 (615.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Serratia; Serratia marcescens Db11; Serratia marcescens Db11
Serratia odorifera 4Rx13 (682634.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Serratia; Serratia odorifera; Serratia odorifera 4Rx13

Serratia odorifera DSM 4582 (667129.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Serratia; Serratia odorifera; Serratia odorifera DSM 4582
Serratia proteamaculans 568 (399741.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Serratia; Serratia proteamaculans; Serratia proteamaculans 568
Serratia symbiotica str. Tucson (914128.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Serratia; Serratia symbiotica; Serratia symbiotica str. Tucson
Shigella boydii ATCC 9905 (932676.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Shigella; Shigella boydii; AERN00000000.gb Shigella boydii ATCC 9905
Shigella dysenteriae Sd197 (300267.13)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Shigella; Shigella dysenteriae; Shigella dysenteriae Sd197
Shigella flexneri 2002017 (591020.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Shigella; Shigella flexneri; Shigella flexneri 2002017
Shigella sonnei Ss046 (300269.11)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Shigella; Shigella sonnei
Sodalis glossinidius str. 'morsitans' (343509.12)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Sodalis; Sodalis glossinidius; Sodalis glossinidius str. 'morsitans'

Wigglesworthia glossinidia endosymbiont of Glossina brevipalpis (36870.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Wigglesworthia; Wigglesworthia glossinidia; Wigglesworthia glossinidia endosymbiont of Glossina brevipalpis; Wigglesworthia glossinidia endosymbiont of Glossina brevipalpis
Xenorhabdus bovienii SS-2004 (406818.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Xenorhabdus; Xenorhabdus bovienii; Xenorhabdus bovienii SS-2004
Xenorhabdus nematophila ATCC 19061 (406817.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Xenorhabdus; Xenorhabdus nematophila; Xenorhabdus nematophila ATCC 19061
Yersinia aldovae ATCC 35236 (527002.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia aldovae; Yersinia aldovae ATCC 35236
Yersinia bercovieri ATCC 43970 (349968.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia bercovieri; Yersinia bercovieri ATCC 43970
Yersinia enterocolitica subsp. enterocolitica 8081 (393305.7)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia enterocolitica; Yersinia enterocolitica subsp. enterocolitica; Yersinia enterocolitica subsp. enterocolitica 8081
Yersinia frederiksenii ATCC 33641 (349966.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia frederiksenii; Yersinia frederiksenii ATCC 33641

Yersinia intermedia ATCC 29909 (349965.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia intermedia; Yersinia intermedia ATCC 29909
Yersinia kristensenii ATCC 33638 (527012.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia kristensenii; Yersinia kristensenii ATCC 33638
Yersinia mollaretii ATCC 43969 (349967.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia mollaretii; Yersinia mollaretii ATCC 43969
Yersinia pestis Antiqua (360102.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia pestis; Yersinia pestis Antiqua
Yersinia pestis KIM (187410.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia pestis; Yersinia pestis KIM; Yersinia pestis KIM
Yersinia pestis biovar Orientalis str. India 195 (547047.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia pestis; Yersinia pestis biovar Orientalis str. India 195
Yersinia pseudotuberculosis IP 32953 (273123.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia pseudotuberculosis; Yersinia pseudotuberculosis IP 32953; Yersinia pseudotuberculosis IP 32953

Yersinia pseudotuberculosis YPIII (502800.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia pseudotuberculosis; Yersinia pseudotuberculosis YPIII
Yersinia rohdei ATCC 43380 (527004.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia rohdei; Yersinia rohdei ATCC 43380
Yersinia ruckeri ATCC 29473 (527005.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Yersinia ruckeri; Yersinia ruckeri ATCC 29473
Blochmannia floridanus (203907.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; unclassified Enterobacteriaceae; ant, tsetse, mealybug, aphid, etc. endosymbionts; ant endosymbionts; Blochmannia; Blochmannia floridanus; Blochmannia floridanus
Blochmannia pennsylvanicus str. BPEN (291272.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; unclassified Enterobacteriaceae; ant, tsetse, mealybug, aphid, etc. endosymbionts; ant endosymbionts; Blochmannia; Blochmannia pennsylvanicus; Blochmannia pennsylvanicus str. BPEN; Blochmannia pennsylvanicus str. BPEN
Blochmannia vafer str. BVAF (859654.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; unclassified Enterobacteriaceae; ant, tsetse, mealybug, aphid, etc. endosymbionts; ant endosymbionts; Blochmannia; Blochmannia vafer; Blochmannia vafer str. BVAF

Hamiltonella defensa 5AT (Acyrtosiphon pisum) (572265.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; unclassified Enterobacteriaceae; ant, tsetse, mealybug, aphid, etc. endosymbionts; aphid secondary symbionts; Hamiltonella; Hamiltonella defensa; Hamiltonella defensa 5AT (Acyrtosiphon pisum)
Regiella insecticola LSR1 (663321.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; unclassified Enterobacteriaceae; ant, tsetse, mealybug, aphid, etc. endosymbionts; aphid secondary symbionts; Regiella; Regiella insecticola; Regiella insecticola LSR1
Enterobacteriaceae bacterium 9_2_54FAA (469613.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; unclassified Enterobacteriaceae; unclassified Enterobacteriaceae (miscellaneous); Enterobacteriaceae bacterium 9_2_54FAA
Coxiella burnetii CbuG_Q212 (434923.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae; Coxiella; Coxiella burnetii
Coxiella burnetii RSA 493 (227377.7)	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae; Coxiella; Coxiella burnetii; Coxiella burnetii RSA 493
Rickettsiella grylli (59196.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae; Rickettsiella; Rickettsiella grylli

Legionella drancourtii LLAP12 (658187.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae; Legionella; Legionella drancourtii; Legionella drancourtii LLAP12
Legionella longbeachae NSW150 (661367.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae; Legionella; Legionella longbeachae; Legionella longbeachae NSW150
Legionella pneumophila subsp. pneumophila str. Philadelphia 1 (272624.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae; Legionella; Legionella pneumophila; Legionella pneumophila subsp. pneumophila; Legionella pneumophila subsp. pneumophila str. Philadelphia 1; Legionella pneumophila subsp. pneumophila str. Philadelphia 1
Methylobacter tundripaludum SV96 (697282.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Methylococcales; Methylococcaceae; Methylobacter; Methylobacter tundripaludum; Methylobacter tundripaludum SV96
Methylomicrobium album BG8 (686340.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Methylococcales; Methylococcaceae; Methylomicrobium; Methylomicrobium album; Methylomicrobium album BG8
Methylomonas methanica MC09 (857087.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Methylococcales; Methylococcaceae; Methylomonas; Methylomonas methanica; Methylomonas methanica MC09

Alcanivorax borkumensis SK2 (393595.12)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Alcanivoracaceae; Alcanivorax; Alcanivorax borkumensis; Alcanivorax borkumensis SK2; Alcanivorax borkumensis SK2
Alcanivorax sp. DG881 (236097.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Alcanivoracaceae; Alcanivorax; Alcanivorax sp. DG881
Hahella chejuensis KCTC 2396 (349521.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Hahellaceae; Hahella; Hahella chejuensis; Hahella chejuensis KCTC 2396; Hahella chejuensis KCTC 2396
Bermanella marisrubri (207949.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Oceanospirillaceae; Bermanella; Bermanella marisrubri
Marinomonas mediterranea MMB-1 (717774.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Oceanospirillaceae; Marinomonas; Marinomonas mediterranea; Marinomonas mediterranea MMB-1
Marinomonas posidonica IVIA-Po-181 (491952.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Oceanospirillaceae; Marinomonas; Marinomonas posidonica; Marinomonas posidonica IVIA-Po-181

Marinomonas sp. MED121 (314277.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Oceanospirillaceae; Marinomonas; Marinomonas sp. MED121
Neptuniibacter caesariensis (207954.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Oceanospirillaceae; Neptuniibacter; Neptuniibacter caesariensis
Actinobacillus minor NM305 (637911.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Actinobacillus; Actinobacillus minor; Actinobacillus minor NM305
Actinobacillus pleuropneumoniae L20 (416269.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Actinobacillus; Actinobacillus pleuropneumoniae; Actinobacillus pleuropneumoniae L20; Actinobacillus pleuropneumoniae L20
Actinobacillus succinogenes 130Z (339671.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Actinobacillus; Actinobacillus succinogenes; Actinobacillus succinogenes 130Z
Actinobacillus ureae ATCC 25976 (887324.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Actinobacillus; Actinobacillus ureae; Actinobacillus ureae ATCC 25976
Aggregatibacter actinomycetemcomitans D11S-1 (668336.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Aggregatibacter; Aggregatibacter actinomycetemcomitans; Aggregatibacter actinomycetemcomitans D11S-1

<p>Aggregatibacter aphrophilus NJ8700 (634176.4)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Aggregatibacter; Aggregatibacter aphrophilus; Aggregatibacter aphrophilus NJ8700</p>
<p>Aggregatibacter segnis ATCC 33393 (888057.3)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Aggregatibacter; Aggregatibacter segnis; Aggregatibacter segnis ATCC 33393</p>
<p>Gallibacterium anatis UMN179 (1005058.3)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Gallibacterium; Gallibacterium anatis; Gallibacterium anatis UMN179</p>
<p>Haemophilus aegyptius ATCC 11116 (888728.3)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Haemophilus; Haemophilus aegyptius; Haemophilus aegyptius ATCC 11116</p>
<p>Haemophilus ducreyi 35000HP (233412.1)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Haemophilus; Haemophilus ducreyi; Haemophilus ducreyi 35000HP; Haemophilus ducreyi 35000HP</p>
<p>Haemophilus influenzae R2846 (262727.1)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Haemophilus; Haemophilus influenzae; Haemophilus influenzae R2846; Haemophilus influenzae R2846</p>

Haemophilus influenzae Rd KW20 (71421.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Haemophilus; Haemophilus influenzae; Haemophilus influenzae Rd KW20; Haemophilus influenzae Rd KW20
Haemophilus [parainfluenzae] CCUG 13788 (1035839.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Haemophilus; Haemophilus parainfluenzae; Haemophilus [parainfluenzae] CCUG 13788
Haemophilus parainfluenzae ATCC 33392 (888828.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Haemophilus; Haemophilus parainfluenzae; Haemophilus parainfluenzae ATCC 33392
Haemophilus parasuis SH0165 (557723.7)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Haemophilus; Haemophilus parasuis
Haemophilus somnus 129PT (205914.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Histophilus; Histophilus somni; Haemophilus somnus 129PT
Haemophilus somnus 2336 (228400.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Histophilus; Histophilus somni; Haemophilus somnus 2336

Mannheimia haemolytica PHL213 (272629.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Mannheimia; Mannheimia haemolytica; Mannheimia haemolytica PHL213
Mannheimia haemolytica serotype A2 str. BOVINE (669262.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Mannheimia; Mannheimia haemolytica; Mannheimia haemolytica serotype A2; Mannheimia haemolytica serotype A2 str. BOVINE
Mannheimia succiniciproducens MBEL55E (221988.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Mannheimia; Mannheimia succiniciproducens; Mannheimia succiniciproducens MBEL55E; Mannheimia succiniciproducens MBEL55E
Pasteurella dagmatis ATCC 43325 (667128.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Pasteurella; Pasteurella dagmatis; Pasteurella dagmatis ATCC 43325
Pasteurella multocida subsp. multocida str. Pm70 (272843.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales; Pasteurellaceae; Pasteurella; Pasteurella multocida; Pasteurella multocida subsp. multocida; Pasteurella multocida subsp. multocida str. Pm70; Pasteurella multocida subsp. multocida str. Pm70

Acinetobacter baumannii ATCC 19606 (575584.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Acinetobacter; Acinetobacter baumannii; Acinetobacter baumannii ATCC 19606
Acinetobacter calcoaceticus RUH2202 (575585.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Acinetobacter; Acinetobacter calcoaceticus; Acinetobacter calcoaceticus RUH2202
Acinetobacter haemolyticus ATCC 19194 (707232.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Acinetobacter; Acinetobacter haemolyticus; Acinetobacter haemolyticus ATCC 19194
Acinetobacter johnsonii SH046 (575586.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Acinetobacter; Acinetobacter johnsonii; Acinetobacter johnsonii SH046
Acinetobacter junii SH205 (575587.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Acinetobacter; Acinetobacter junii; Acinetobacter junii SH205
Acinetobacter Iwoffii SH145 (575588.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Acinetobacter; Acinetobacter Iwoffii; Acinetobacter Iwoffii SH145

Acinetobacter radioresistens SH164 (575589.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Acinetobacter; Acinetobacter radioresistens; Acinetobacter radioresistens SH164
Acinetobacter sp. ATCC 27244 (525244.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Acinetobacter; Acinetobacter sp. ATCC 27244
Enhydrobacter aerosaccus SK60 (553217.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Enhydrobacter; Enhydrobacter aerosaccus; Enhydrobacter aerosaccus SK60
Moraxella catarrhalis RH4 (749219.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Moraxella; Branhamella; Moraxella catarrhalis; Moraxella catarrhalis RH4
Psychrobacter arcticus 273-4 (259536.19)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Psychrobacter; Psychrobacter arcticus; Psychrobacter arcticus 273-4
Psychrobacter sp. 273-4 (259536.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Psychrobacter; Psychrobacter arcticus; Psychrobacter sp. 273-4; Psychrobacter sp. 273-4

Psychrobacter cryohalolentis K5 (335284.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Psychrobacter; Psychrobacter cryohalolentis; Psychrobacter cryohalolentis K5; Psychrobacter cryohalolentis K5
Psychrobacter sp. PRwf-1 (349106.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Psychrobacter; Psychrobacter sp. PRwf-1
Azotobacter vinelandii DJ (322710.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Azotobacter group; Azotobacter; Azotobacter vinelandii; Azotobacter vinelandii DJ
Cellvibrio japonicus Ueda107 (498211.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Cellvibrio; Cellvibrio japonicus; Cellvibrio japonicus Ueda107
Pseudomonas aeruginosa PAO1 (208964.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas aeruginosa group; Pseudomonas aeruginosa; Pseudomonas aeruginosa PAO1; Pseudomonas aeruginosa PAO1
Pseudomonas aeruginosa UCBPP-PA14 (208963.12)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas aeruginosa group; Pseudomonas aeruginosa; Pseudomonas aeruginosa UCBPP-PA14

Pseudomonas mendocina ymp (399739.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas aeruginosa group; Pseudomonas mendocina; Pseudomonas mendocina ymp
Pseudomonas brassicacearum subsp. brassicacearum NFM421 (994484.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas brassicacearum; Pseudomonas brassicacearum subsp. brassicacearum; Pseudomonas brassicacearum subsp. brassicacearum NFM421
Pseudomonas entomophila L48 (384676.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas entomophila; Pseudomonas entomophila L48; Pseudomonas entomophila L48
Pseudomonas fluorescens Pf-5 (220664.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas fluorescens group; Pseudomonas fluorescens; Pseudomonas fluorescens Pf-5; Pseudomonas fluorescens Pf-5
Pseudomonas fluorescens Pf0-1 (205922.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas fluorescens group; Pseudomonas fluorescens; Pseudomonas fluorescens Pf0-1
Pseudomonas fulva 12-X (743720.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas putida group; Pseudomonas fulva; Pseudomonas fulva 12-X

Pseudomonas putida KT2440 (160488.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas putida group; Pseudomonas putida; Pseudomonas putida KT2440; Pseudomonas putida KT2440
Pseudomonas putida W619 (390235.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas putida group; Pseudomonas putida; Pseudomonas putida W619
Pseudomonas stutzeri A1501 (379731.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas stutzeri group; Pseudomonas stutzeri subgroup; Pseudomonas stutzeri
Pseudomonas stutzeri DSM 4166 (996285.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas stutzeri group; Pseudomonas stutzeri subgroup; Pseudomonas stutzeri; Pseudomonas stutzeri DSM 4166
Pseudomonas syringae pv. syringae B728a (205918.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas; Pseudomonas syringae group; Pseudomonas syringae group genomsp. 1; Pseudomonas syringae; Pseudomonas syringae pv. syringae; Pseudomonas syringae pv. syringae B728a; Pseudomonas syringae pv. syringae B728a

<p><i>Pseudomonas syringae</i> pv. <i>aesculi</i> str. 2250 (666475.3)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; <i>Pseudomonas</i>; <i>Pseudomonas syringae</i> group; <i>Pseudomonas syringae</i> group genomsp. 2; <i>Pseudomonas amygdali</i>; <i>Pseudomonas syringae</i> pv. <i>aesculi</i>; <i>Pseudomonas</i> <i>syringae</i> pv. <i>aesculi</i> str. 2250</p>
<p><i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> NCPPB 3335 (693985.5)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; <i>Pseudomonas</i>; <i>Pseudomonas syringae</i> group; <i>Pseudomonas syringae</i> group genomsp. 2; <i>Pseudomonas savastanoi</i>; <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i>; <i>Pseudomonas</i> <i>savastanoi</i> pv. <i>savastanoi</i> NCPPB 3335</p>
<p><i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> 1448A (264730.3)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; <i>Pseudomonas</i>; <i>Pseudomonas syringae</i> group; <i>Pseudomonas syringae</i> group genomsp. 2; <i>Pseudomonas savastanoi</i>; <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>; <i>Pseudomonas</i> <i>syringae</i> pv. <i>phaseolicola</i> 1448A; <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> 1448A</p>
<p><i>Pseudomonas syringae</i> pv. <i>tomato</i> str. DC3000 (223283.1)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; <i>Pseudomonas</i>; <i>Pseudomonas syringae</i> group; <i>Pseudomonas syringae</i> group genomsp. 3; <i>Pseudomonas syringae</i> pv. <i>tomato</i>; <i>Pseudomonas syringae</i> pv. <i>tomato</i> str. DC3000; <i>Pseudomonas syringae</i> pv. <i>tomato</i> str. DC3000</p>

Salinisphaera shabanensis E1L3A (1033802.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Salinisphaerales; Salinisphaeraceae; Salinisphaera; Salinisphaera shabanensis; Salinisphaera shabanensis E1L3A
Francisella novicida FTE (545422.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Francisellaceae; Francisella; Francisella novicida; Francisella novicida FTE
Francisella philomiragia subsp. philomiragia ATCC 25015 (539329.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Francisellaceae; Francisella; Francisella philomiragia; Francisella philomiragia subsp. philomiragia ATCC 25015
Francisella tularensis subsp. mediasiatica FSC147 (441952.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Francisellaceae; Francisella; Francisella tularensis; Francisella tularensis subsp. mediasiatica; Francisella tularensis subsp. mediasiatica FSC147
Francisella tularensis subsp. tularensis FSC198 (393115.8)	Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Francisellaceae; Francisella; Francisella tularensis; Francisella tularensis subsp. tularensis; Francisella tularensis subsp. tularensis FSC198; Francisella tularensis subsp. tularensis FSC198
Methylophaga thiooxidans DMS010 (637616.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Piscirickettsiaceae; Methylophaga; Methylophaga thiooxidans; Methylophaga thiooxidans DMS010

Thiomicrospira crunogena XCL-2 (317025.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Piscirickettsiaceae; Thiomicrospira; Thiomicrospira crunogena; Thiomicrospira crunogena XCL-2; Thiomicrospira crunogena XCL-2
Aliivibrio salmonicida LFI1238 (316275.15)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Aliivibrio; Aliivibrio salmonicida; Aliivibrio salmonicida LFI1238
Vibrio fischeri MJ11 (388396.11)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Aliivibrio; Vibrio fischeri; Vibrio fischeri MJ11
Grimontia hollisae CIP 101886 (675812.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Grimontia; Grimontia hollisae; Grimontia hollisae CIP 101886
Vibrio anguillarum 775 (882102.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Listonella; Listonella anguillarum; Listonella anguillarum serovar O1; Vibrio anguillarum 775
Photobacterium angustum S14 (314292.23)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Photobacterium; Photobacterium angustum; Photobacterium angustum S14

Photobacterium damsela subsp. damsela CIP 102761 (675817.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Photobacterium; Photobacterium damsela; Photobacterium damsela subsp. damsela; Photobacterium damsela subsp. damsela CIP 102761
Photobacterium leiognathi subsp. mandapamensis svers.1.1. (1001530.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Photobacterium; Photobacterium leiognathi; Photobacterium leiognathi subsp. mandapamensis; Photobacterium leiognathi subsp. mandapamensis svers.1.1.
Photobacterium profundum SS9 (298386.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Photobacterium; Photobacterium profundum; Photobacterium profundum SS9; Photobacterium profundum SS9
Vibrio angustum S14 (314292.13)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio angustum; Vibrio angustum S14
Vibrio brasiliensis LMG 20546 (945543.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio brasiliensis; Vibrio brasiliensis LMG 20546
Vibrio caribbenthicus ATCC BAA-2122 (796620.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio caribbenthicus; Vibrio caribbenthicus ATCC BAA-2122

Vibrio cholerae NCTC 8457 (417399.11)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio cholerae; Vibrio cholerae NCTC 8457
Vibrio cholerae O1 biovar El Tor str. N16961 (243277.26)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio cholerae; Vibrio cholerae O1; Vibrio cholerae O1 biovar El Tor; Vibrio cholerae O1 biovar El Tor str. N16961
Vibrio coralliilyticus ATCC BAA-450 (675814.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio coralliilyticus; Vibrio coralliilyticus ATCC BAA-450
Vibrio fischeri ES114 (312309.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio fischeri; Vibrio fischeri ES114; Vibrio fischeri ES114
Vibrio furnissii CIP 102972 (675811.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio furnissii; Vibrio furnissii CIP 102972
Vibrio alginolyticus 40B (674977.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio harveyi group; Vibrio alginolyticus; Vibrio alginolyticus 40B
Vibrio harveyi ATCC BAA-1116 (338187.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio harveyi; Vibrio harveyi ATCC BAA-1116; Vibrio harveyi ATCC BAA-1116

Vibrio metschnikovii CIP 69.14 (675813.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio metschnikovii; Vibrio metschnikovii CIP 69.14
Vibrio mimicus VM223 (675820.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio mimicus; Vibrio mimicus VM223
Vibrio orientalis CIP 102891 (675816.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio orientalis; Vibrio orientalis CIP 102891
Vibrio parahaemolyticus RIMD 2210633 (223926.6)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio parahaemolyticus; Vibrio parahaemolyticus RIMD 2210633
Vibrio shilonii AK1 (391591.24)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio shilonii; Vibrio shilonii AK1
Vibrio sinaloensis DSM 21326 (945550.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio sinaloensis; Vibrio sinaloensis DSM 21326
Vibrio sp. MED222 (314290.7)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio sp. MED222
Vibrio splendidus LGP32 (575788.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio splendidus

Vibrio vulnificus CMCP6 (216895.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio vulnificus; Vibrio vulnificus CMCP6; Vibrio vulnificus CMCP6
Vibrio vulnificus YJ016 (196600.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; Vibrionaceae; Vibrio; Vibrio vulnificus; Vibrio vulnificus YJ016; Vibrio vulnificus YJ016
Vibrionales bacterium SWAT-3 (391574.12)	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales; unclassified Vibrionales; Vibrionales bacterium SWAT-3
Pseudoxanthomonas suwonensis 11-1 (743721.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Pseudoxanthomonas; Pseudoxanthomonas suwonensis; Pseudoxanthomonas suwonensis 11-1
Stenotrophomonas maltophilia R551-3 (391008.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Stenotrophomonas; Stenotrophomonas maltophilia
Stenotrophomonas sp. SKA14 (391601.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Stenotrophomonas; Stenotrophomonas sp. SKA14
Xanthomonas albilineans (29447.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Xanthomonas; Xanthomonas albilineans
Xanthomonas axonopodis pv. citri str. 306 (190486.1)	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Xanthomonas; Xanthomonas axonopodis; Xanthomonas axonopodis pv. citri; Xanthomonas axonopodis pv. citri str. 306; Xanthomonas axonopodis pv. citri str. 306

<p>Xanthomonas campestris pv. campestris ATCC 33913 (190485.1)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Xanthomonas; Xanthomonas campestris; Xanthomonas campestris pv. campestris; Xanthomonas campestris pv. campestris ATCC 33913; Xanthomonas campestris pv. campestris ATCC 33913</p>
<p>Xanthomonas oryzae pv. oryzae KACC10331 (291331.3)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Xanthomonas; Xanthomonas oryzae; Xanthomonas oryzae pv. oryzae; Xanthomonas oryzae pv. oryzae KACC10331; Xanthomonas oryzae pv. oryzae KACC10331</p>
<p>Xanthomonas oryzae pv. oryzicola BLS256 (383407.3)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Xanthomonas; Xanthomonas oryzae; Xanthomonas oryzae pv. oryzicola; Xanthomonas oryzae pv. oryzicola BLS256</p>
<p>Xanthomonas perforans 91-118 (925776.3)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Xanthomonas; Xanthomonas perforans; Xanthomonas perforans 91-118</p>
<p>Xanthomonas vesicatoria ATCC 35937 (925775.3)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Xanthomonas; Xanthomonas vesicatoria; Xanthomonas vesicatoria ATCC 35937</p>
<p>Xylella fastidiosa Ann-1 (155920.1)</p>	<p>Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Xylella; Xylella fastidiosa; Xylella fastidiosa Ann-1; Xylella fastidiosa Ann- 1</p>

Xylella fastidiosa Dixon (155919.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Xylella; Xylella fastidiosa; Xylella fastidiosa Dixon
Vesicomysocius okutanii HA (412965.6)	Bacteria; Proteobacteria; Gammaproteobacteria; sulfur-oxidizing symbionts.
Baumannia cicadellinica str. Hc (Homalodisca coagulata) (374463.4)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; Baumannia; Baumannia cicadellinica
Kangiella koreensis DSM 16069 (523791.5)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; Kangiella; Kangiella koreensis; Kangiella koreensis DSM 16069
Ruthia magnifica str. Cm (Calyptogena magnifica) (413404.11)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; sulfur-oxidizing symbionts; Ruthia magnifica; Ruthia magnifica str. Cm (Calyptogena magnifica)
gamma proteobacterium HTCC5015 (391615.3)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; unclassified Gammaproteobacteria (miscellaneous); gamma proteobacterium HTCC5015
gamma proteobacterium HdN1 (83406.3)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; unclassified Gammaproteobacteria (miscellaneous); gamma proteobacterium HdN1

(C) These organisms contain only RNase Y

Organism	Taxonomy
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Aquifex aeolicus VF5 (224324.1)	Bacteria; Aquificae; Aquificae (class); Aquificales; Aquificaceae; Aquifex; Aquifex aeolicus; Aquifex aeolicus VF5; Aquifex aeolicus VF5
Hydrogenobacter thermophilus TK-6 (608538.3)	Bacteria; Aquificae; Aquificae (class); Aquificales; Aquificaceae; Hydrogenobacter; Hydrogenobacter thermophilus; Hydrogenobacter thermophilus TK-6
Hydrogenobaculum sp. Y04AAS1 (380749.4)	Bacteria; Aquificae; Aquificae (class); Aquificales; Aquificaceae; Hydrogenobaculum
Hydrogenobaculum sp. SN (547146.3)	Bacteria; Aquificae; Aquificae (class); Aquificales; Aquificaceae; Hydrogenobaculum; Hydrogenobaculum sp. SN
Thermocrinis albus DSM 14484 (638303.3)	Bacteria; Aquificae; Aquificae (class); Aquificales; Aquificaceae; Thermocrinis; Thermocrinis albus; Thermocrinis albus DSM 14484
Desulfurobacterium thermolithotrophum DSM 11699 (868864.3)	Bacteria; Aquificae; Aquificae (class); Aquificales; Desulfurobacteriaceae; Desulfurobacterium; Desulfurobacterium thermolithotrophum; Desulfurobacterium thermolithotrophum DSM 11699
Thermovibrio ammonificans HB-1 (648996.5)	Bacteria; Aquificae; Aquificae (class); Aquificales; Desulfurobacteriaceae; Thermovibrio; Thermovibrio ammonificans; Thermovibrio ammonificans HB-1

Persephonella marina EX-H1 (123214.3)	Bacteria; Aquificae; Aquificae (class); Aquificales; Hydrogenothermaceae; Persephonella; Persephonella marina; Persephonella marina EX-H1
Sulfurihydrogenibium sp. YO3AOP1 (436114.3)	Bacteria; Aquificae; Aquificae (class); Aquificales; Hydrogenothermaceae; Sulfurihydrogenibium
Sulfurihydrogenibium azorense Az-Fu1 (204536.4)	Bacteria; Aquificae; Aquificae (class); Aquificales; Hydrogenothermaceae; Sulfurihydrogenibium; Sulfurihydrogenibium azorense; Sulfurihydrogenibium azorense Az-Fu1
Bacteroides fragilis ATCC 25285 (272559.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidetes (class); Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides fragilis; Bacteroides fragilis ATCC 25285; Bacteroides fragilis ATCC 25285
Bacteroides thetaitaomicron VPI- 5482 (226186.1)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidetes (class); Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides thetaitaomicron; Bacteroides thetaitaomicron VPI-5482; Bacteroides thetaitaomicron VPI-5482
Bacteroides vulgatus ATCC 8482 (435590.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidetes (class); Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides vulgatus; Bacteroides vulgatus ATCC 8482; Bacteroides vulgatus ATCC 8482
Bacteroides caccae ATCC 43185 (411901.7)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides caccae; Bacteroides caccae ATCC 43185

Bacteroides cellulosilyticus DSM 14838 (537012.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides cellulosilyticus; Bacteroides cellulosilyticus DSM 14838
Bacteroides coprocola DSM 17136 (470145.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides coprocola; Bacteroides coprocola DSM 17136
Bacteroides dorei DSM 17855 (483217.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides dorei; Bacteroides dorei DSM 17855
Bacteroides eggerthii DSM 20697 (483216.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides eggerthii; Bacteroides eggerthii DSM 20697
Bacteroides finegoldii DSM 17565 (483215.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides finegoldii; Bacteroides finegoldii DSM 17565
Bacteroides fragilis NCTC 9343 (272559.17)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides fragilis; Bacteroides fragilis NCTC 9343
Bacteroides intestinalis DSM 17393 (471870.8)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides intestinalis; Bacteroides intestinalis DSM 17393
Bacteroides ovatus ATCC 8483 (411476.11)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides ovatus; Bacteroides ovatus ATCC 8483

Bacteroides plebeius DSM 17135 (484018.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides plebeius; Bacteroides plebeius DSM 17135
Bacteroides salanitronis DSM 18170 (667015.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides salanitronis; Bacteroides salanitronis DSM 18170
Bacteroides sp. 1_1_6 (469586.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides sp. 1_1_6
Bacteroides stercoris ATCC 43183 (449673.7)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides stercoris; Bacteroides stercoris ATCC 43183
Bacteroides xylanisolvens SD CC 1b (702447.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides xylanisolvens; Bacteroides xylanisolvens SD CC 1b
Odoribacter splanchnicus DSM 20712 (709991.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Porphyromonadaceae; Odoribacter; Odoribacter splanchnicus; Odoribacter splanchnicus DSM 20712

Paludibacter propionigenes WB4 (694427.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Porphyromonadaceae; Paludibacter; Paludibacter propionigenes; Paludibacter propionigenes WB4
Parabacteroides johnsonii DSM 18315 (537006.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Porphyromonadaceae; Parabacteroides; Parabacteroides johnsonii; Parabacteroides johnsonii DSM 18315
Parabacteroides merdae ATCC 43184 (411477.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Porphyromonadaceae; Parabacteroides; Parabacteroides merdae; Parabacteroides merdae ATCC 43184
Porphyromonas gingivalis ATCC 33277 (431947.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Porphyromonadaceae; Porphyromonas; Porphyromonas gingivalis
Porphyromonas uenonis 60-3 (596327.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Porphyromonadaceae; Porphyromonas; Porphyromonas uenonis; Porphyromonas uenonis 60-3
Prevotella bergensis DSM 17361 (585502.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella bergensis; Prevotella bergensis DSM 17361
Prevotella bivia JCVIHMP010 (553171.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella bivia; Prevotella bivia JCVIHMP010

Prevotella buccae D17 (575611.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella buccae; Prevotella buccae D17
Prevotella buccalis ATCC 35310 (679190.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella buccalis; Prevotella buccalis ATCC 35310
Prevotella copri DSM 18205 (537011.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella copri; Prevotella copri DSM 18205
Prevotella melaninogenica ATCC 25845 (553174.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella melaninogenica; Prevotella melaninogenica ATCC 25845
Prevotella oralis ATCC 33269 (873533.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella oralis; Prevotella oralis ATCC 33269
Prevotella oris C735 (563008.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella oris; Prevotella oris C735
Prevotella ruminicola 23 (264731.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella ruminicola; Prevotella ruminicola 23
Prevotella sp. oral taxon 472 str. F0295 (619693.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella sp. oral taxon 472; Prevotella sp. oral taxon 472 str. F0295

Prevotella tannerae ATCC 51259 (626522.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella tannerae; Prevotella tannerae ATCC 51259
Prevotella timonensis CRIS 5C-B1 (679189.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella timonensis; Prevotella timonensis CRIS 5C-B1
Prevotella veroralis F0319 (649761.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella veroralis; Prevotella veroralis F0319
Alistipes putredinis DSM 17216 (445970.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Rikenellaceae; Alistipes; Alistipes putredinis; Alistipes putredinis DSM 17216
Alistipes shahii WAL 8301 (717959.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Rikenellaceae; Alistipes; Alistipes shahii; Alistipes shahii WAL 8301
Azobacteroides pseudotrichonymphae genomovar. CFP2 (511995.9)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; unclassified Bacteroidales; Azobacteroides; Azobacteroides pseudotrichonymphae; Azobacteroides pseudotrichonymphae genomovar. CFP2
Leadbetterella byssophila DSM 17132 (649349.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Leadbetterella; Leadbetterella byssophila; Leadbetterella byssophila DSM 17132
Runella slithyformis DSM 19594 (761193.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Runella; Runella slithyformis; Runella slithyformis DSM 19594

Marivirga tractuosa DSM 4126 (643867.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Cytophagia; Cytophagales; Flammeovirgaceae; Marivirga; Marivirga tractuosa; Marivirga tractuosa DSM 4126
Blattabacterium sp. (Blattella germanica) str. Bge (331104.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Blattabacteriaceae; Blattabacterium; Blattabacterium sp. (Blattella germanica); Blattabacterium sp. (Blattella germanica) str. Bge
Blattabacterium sp. (Periplaneta americana) str. BPLAN (600809.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Blattabacteriaceae; Blattabacterium; Blattabacterium sp. (Periplaneta americana); Blattabacterium sp. (Periplaneta americana) str. BPLAN
Fluviicola taffensis DSM 16823 (755732.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Cryomorphaceae; Fluviicola; Fluviicola taffensis; Fluviicola taffensis DSM 16823
Capnocytophaga gingivalis ATCC 33624 (553178.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Capnocytophaga; Capnocytophaga gingivalis; Capnocytophaga gingivalis ATCC 33624
Capnocytophaga ochracea DSM 7271 (521097.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Capnocytophaga; Capnocytophaga ochracea; Capnocytophaga ochracea DSM 7271

Capnocytophaga sputigena ATCC 33612 (553177.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Capnocytophaga; Capnocytophaga sputigena; Capnocytophaga sputigena ATCC 33612
Cellulophaga algicola DSM 14237 (688270.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Cellulophaga; Cellulophaga algicola; Cellulophaga algicola DSM 14237
Cellulophaga lytica DSM 7489 (867900.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Cellulophaga; Cellulophaga lytica; Cellulophaga lytica DSM 7489
Chryseobacterium gleum ATCC 35910 (525257.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Chryseobacterium; Chryseobacterium gleum; Chryseobacterium gleum ATCC 35910
Croceibacter atlanticus HTCC2559 (216432.7)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Croceibacter; Croceibacter atlanticus; Croceibacter atlanticus HTCC2559
Cellulophaga sp. MED134 (313590.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Dokdonia; Dokdonia donghaensis; Cellulophaga sp. MED134; Cellulophaga sp. MED134

Dokdonia donghaensis MED134 (313590.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Dokdonia; Dokdonia donghaensis; Dokdonia donghaensis MED134
Flavobacterium psychrophilum JIP02/86 (402612.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Flavobacterium; Flavobacterium psychrophilum; Flavobacterium psychrophilum JIP02/86; Flavobacterium psychrophilum JIP02/86
Gramella forsetii KT0803 (411154.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Gramella; Gramella forsetii; Gramella forsetii KT0803; Gramella forsetii KT0803
Kordia algicida OT-1 (391587.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Kordia; Kordia algicida; Kordia algicida OT-1
Lacinutrix sp. 5H-3-7-4 (983544.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Lacinutrix; Lacinutrix sp. 5H-3-7-4
Leeuwenhoekiella blandensis MED217 (398720.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Leeuwenhoekiella; Leeuwenhoekiella blandensis; Leeuwenhoekiella blandensis MED217

Tenacibaculum sp. MED152 (313598.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Polaribacter; Polaribacter dokdonensis; Tenacibaculum sp. MED152; Tenacibaculum sp. MED152
Polaribacter irgensii 23- P (313594.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Polaribacter; Polaribacter irgensii; Polaribacter irgensii 23-P
Polaribacter sp. MED152 (313598.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Polaribacter; Polaribacter sp. MED152
Psychroflexus torquis ATCC 700755 (313595.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Psychroflexus; Psychroflexus torquis; Psychroflexus torquis ATCC 700755
Riemerella anatipestifer DSM 15868 (693978.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Riemerella; Riemerella anatipestifer; Riemerella anatipestifer DSM 15868
Robiginitalea biformata HTCC2501 (313596.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Robiginitalea; Robiginitalea biformata; Robiginitalea biformata HTCC2501
Weeksella virosa DSM 16922 (865938.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Weeksella; Weeksella virosa; Weeksella virosa DSM 16922

Zunongwangia profunda SM-A87 (655815.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Zunongwangia; Zunongwangia profunda; Zunongwangia profunda SM-A87
Flavobacteriaceae bacterium 3519-10 (531844.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; unclassified Flavobacteriaceae; Flavobacteriaceae bacterium 3519-10
Flavobacteria bacterium BAL38 (391598.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; unclassified Flavobacteriales; unclassified Flavobacteriales (miscellaneous); Flavobacteria bacterium BAL38
Flavobacteriales bacterium HTCC2170 (313603.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; unclassified Flavobacteriales; unclassified Flavobacteriales (miscellaneous); Flavobacteriales bacterium HTCC2170
Flavobacteria bacterium MS024-3C (487797.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; unclassified Flavobacteria; Flavobacteria bacterium MS024-3C
Chitinophaga pinensis DSM 2588 (485918.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Chitinophagaceae; Chitinophaga; Chitinophaga pinensis; Chitinophaga pinensis DSM 2588

Algoriphagus sp. PR1 (388413.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Cyclobacteriaceae; Algoriphagus; Algoriphagus sp. PR1
Cytophaga hutchinsonii ATCC 33406 (269798.12)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Flexibacteraceae; Cytophaga; Cytophaga hutchinsonii; Cytophaga hutchinsonii ATCC 33406; Cytophaga hutchinsonii ATCC 33406
Dyadobacter fermentans DSM 18053 (471854.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Flexibacteraceae; Dyadobacter; Dyadobacter fermentans; Dyadobacter fermentans DSM 18053
Microscilla marina ATCC 23134 (313606.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Flexibacteraceae; Microscilla; Microscilla marina; Microscilla marina ATCC 23134
Spirosoma linguale DSM 74 (504472.7)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Flexibacteraceae; Spirosoma; Spirosoma linguale; Spirosoma linguale DSM 74
Rhodothermus marinus DSM 4252 (518766.7)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Rhodothermaceae; Rhodothermus; Rhodothermus marinus; Rhodothermus marinus DSM 4252

Haliscomenobacter hydrossis DSM 1100 (760192.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Saprospiraceae; Haliscomenobacter; Haliscomenobacter hydrossis; Haliscomenobacter hydrossis DSM 1100
Pedobacter heparinus DSM 2366 (485917.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Sphingobacteriaceae; Pedobacter; Pedobacter heparinus; Pedobacter heparinus DSM 2366
Pedobacter sp. BAL39 (391596.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Sphingobacteriaceae; Pedobacter; Pedobacter sp. BAL39
Sphingobacterium spiritivorum ATCC 33300 (525372.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Sphingobacteriaceae; Sphingobacterium; Sphingobacterium spiritivorum; Sphingobacterium spiritivorum ATCC 33300
unidentified eubacterium SCB49 (50743.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; environmental samples; unidentified eubacterium SCB49
Bacteroidetes oral taxon 274 str. F0058 (575590.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; unclassified Bacteroidetes; unclassified Bacteroidetes (miscellaneous); Bacteroidetes oral taxon 274; Bacteroidetes oral taxon 274 str. F0058
Chlorobaculum parvum NCIB 8327 (517417.4)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobaculum; Chlorobaculum parvum

Chlorobium tepidum TLS (194439.1)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobaculum; Chlorobaculum tepidum; Chlorobium tepidum TLS; Chlorobium tepidum TLS
Chlorobium chlorochromatii CaD3 (340177.8)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobium/Pelodictyon group; Chlorobium; Chlorobium chlorochromatii; Chlorobium chlorochromatii CaD3; Chlorobium chlorochromatii CaD3
Chlorobium ferrooxidans DSM 13031 (377431.3)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobium/Pelodictyon group; Chlorobium; Chlorobium ferrooxidans; Chlorobium ferrooxidans DSM 13031
Chlorobium limicola DSM 245 (290315.4)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobium/Pelodictyon group; Chlorobium; Chlorobium limicola
Chlorobium phaeobacteroides DSM 266 (290317.7)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobium/Pelodictyon group; Chlorobium; Chlorobium phaeobacteroides; Chlorobium phaeobacteroides DSM 266; Chlorobium phaeobacteroides DSM 266
Prosthecochloris vibrioformis DSM 265 (290318.4)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobium/Pelodictyon group; Chlorobium; Chlorobium phaeovibrioides; Prosthecochloris vibrioformis DSM 265

Chlorobium luteolum DSM 273 (319225.5)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobium/Pelodictyon group; Pelodictyon; Pelodictyon luteolum; Chlorobium luteolum DSM 273
Pelodictyon luteolum DSM 273 (319225.3)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobium/Pelodictyon group; Pelodictyon; Pelodictyon luteolum; Pelodictyon luteolum DSM 273; Pelodictyon luteolum DSM 273
Pelodictyon phaeoclathratiforme BU- 1 (324925.4)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chlorobium/Pelodictyon group; Pelodictyon; Pelodictyon phaeoclathratiforme
Chloroherpeton thalassium ATCC 35110 (517418.3)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Chloroherpeton; Chloroherpeton thalassium
Prosthecochloris aestuarii DSM 271 (290512.6)	Bacteria; Bacteroidetes/Chlorobi group; Chlorobi; Chlorobia; Chlorobiales; Chlorobiaceae; Prosthecochloris; Prosthecochloris aestuarii; Prosthecochloris aestuarii DSM 271
Parachlamydia acanthamoebae str. Hall's coccus (159254.4)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Parachlamydiaceae; Parachlamydia; Parachlamydia acanthamoebae; Parachlamydia acanthamoebae str. Hall's coccus

Parachlamydia sp. UWE25 (264201.1)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Parachlamydiaceae; Protochlamydia; Protochlamydia amoebophila; Parachlamydia sp. UWE25; Parachlamydia sp. UWE25
Protochlamydia amoebophila UWE25 (264201.15)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Parachlamydiaceae; Protochlamydia; Protochlamydia amoebophila; Protochlamydia amoebophila UWE25
Waddlia chondrophila WSU 86-1044 (716544.4)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Waddliaceae; Waddlia; Waddlia chondrophila; Waddlia chondrophila WSU 86-1044
Lentisphaera araneosa HTCC2155 (313628.3)	Bacteria; Chlamydiae/Verrucomicrobia group; Lentisphaerae; Lentisphaerales; Lentisphaeraceae; Lentisphaera; Lentisphaera araneosa; Lentisphaera araneosa HTCC2155
Coralimargarita akajimensis DSM 45221 (583355.3)	Bacteria; Chlamydiae/Verrucomicrobia group; Verrucomicrobia; Opitutae; Puniceococcales; Puniceococcaceae; Coralimargarita; Coralimargarita akajimensis; Coralimargarita akajimensis DSM 45221
bacterium Ellin514 (320771.5)	Bacteria; Chlamydiae/Verrucomicrobia group; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobia subdivision 3; bacterium Ellin514

Verrucomicrobiae bacterium DG1235 (382464.3)	Bacteria; Chlamydiae/Verrucomicrobia group; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; unclassified Verrucomicrobiales; unclassified Verrucomicrobiales (miscellaneous); Verrucomicrobiae bacterium DG1235
uncultured Termite group 1 bacterium phylogroup Rs-D17 (471821.5)	Bacteria; Elusimicrobia; environmental samples; uncultured Termite group 1 bacterium; uncultured Termite group 1 bacterium phylogroup Rs-D17
Epulopiscium sp. 'N.t. morphotype B' (420336.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; unclassified Clostridiales; Epulopiscium; Epulopiscium sp. 'N.t. morphotype B'
Gemmatimonas aurantiaca T-27 (379066.3)	Bacteria; Gemmatimonadetes; Gemmatimonadetes (class); Gemmatimonadales; Gemmatimonadaceae; Gemmatimonas; Gemmatimonas aurantiaca; Gemmatimonas aurantiaca T-27
Nitrospira defluvii (330214.5)	Bacteria; Nitrospirae; Nitrospira (class); Nitrospirales; Nitrospiraceae; Nitrospira; Nitrospira defluvii
Thermodesulfovibrio yellowstonii DSM 11347 (289376.4)	Bacteria; Nitrospirae; Nitrospira (class); Nitrospirales; Nitrospiraceae; Thermodesulfovibrio; Thermodesulfovibrio yellowstonii; Thermodesulfovibrio yellowstonii DSM 11347
Pirellula staleyii DSM 6068 (530564.3)	Bacteria; Planctomycetes; Planctomycetacia; Planctomycetales; Planctomycetaceae; Pirellula; Pirellula staleyii; Pirellula staleyii DSM 6068

Planctomyces limnophilus DSM 3776 (521674.6)	Bacteria; Planctomycetes; Planctomycetacia; Planctomycetales; Planctomycetaceae; Planctomyces; Planctomyces limnophilus; Planctomyces limnophilus DSM 3776
Rhodopirellula baltica SH 1 (243090.15)	Bacteria; Planctomycetes; Planctomycetacia; Planctomycetales; Planctomycetaceae; Rhodopirellula; Rhodopirellula baltica; Rhodopirellula baltica SH 1
Bdellovibrio bacteriovorus HD100 (264462.1)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Bdellovibrionales; Bdellovibrionaceae; Bdellovibrio; Bdellovibrio bacteriovorus; Bdellovibrio bacteriovorus HD100; Bdellovibrio bacteriovorus HD100
Borrelia afzelii ACA-1 (445986.17)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Borrelia; Borrelia burgdorferi group; Borrelia afzelii; Borrelia afzelii ACA-1
Borrelia afzelii PKo (390236.5)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Borrelia; Borrelia burgdorferi group; Borrelia afzelii; Borrelia afzelii PKo; Borrelia afzelii PKo
Borrelia burgdorferi WI91-23 (498737.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Borrelia; Borrelia burgdorferi group; Borrelia burgdorferi; Borrelia burgdorferi WI91-23
Borrelia sp. SV1 (498741.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Borrelia; Borrelia burgdorferi group; Borrelia sp. SV1

Borrelia spielmanii A14S (498742.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Borrelia; Borrelia burgdorferi group; Borrelia spielmanii; Borrelia spielmanii A14S
Borrelia valaisiana VS116 (445987.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Borrelia; Borrelia burgdorferi group; Borrelia valaisiana; Borrelia valaisiana VS116
Borrelia hermsii DAH (314723.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Borrelia; Borrelia hermsii
Borrelia recurrentis A1 (412418.11)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Borrelia; Borrelia recurrentis; Borrelia recurrentis A1
Borrelia turicatae 91E135 (314724.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Borrelia; Borrelia turicatae
Spirochaeta coccoides DSM 17374 (760011.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Spirochaeta; Spirochaeta coccoides; Spirochaeta coccoides DSM 17374
Spirochaeta smaragdinae DSM 11293 (573413.5)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Spirochaeta; Spirochaeta smaragdinae; Spirochaeta smaragdinae DSM 11293
Spirochaeta thermophila DSM 6192 (665571.4)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Spirochaeta; Spirochaeta thermophila; Spirochaeta thermophila DSM 6192

Treponema denticola ATCC 35405 (243275.1)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Treponema; Treponema denticola; Treponema denticola ATCC 35405; Treponema denticola ATCC 35405
Treponema pallidum subsp. pallidum str. Nichols (243276.1)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Treponema; Treponema pallidum; Treponema pallidum subsp. pallidum; Treponema pallidum subsp. pallidum str. Nichols; Treponema pallidum subsp. pallidum str. Nichols
Treponema primitia ZAS-2 (545694.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Treponema; Treponema primitia; Treponema primitia ZAS-2
Treponema succinifaciens DSM 2489 (869209.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Treponema; Treponema succinifaciens; Treponema succinifaciens DSM 2489
Treponema vincentii ATCC 35580 (596324.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Treponema; Treponema vincentii; Treponema vincentii ATCC 35580
Thermodesulfobacterium sp. OPB45 (795359.3)	Bacteria; Thermodesulfobacteria; Thermodesulfobacteria (class); Thermodesulfobacteriales; Thermodesulfobacteriaceae; Thermodesulfobacterium; Thermodesulfobacterium sp. OPB45
Fervidobacterium nodosum Rt17-B1 (381764.6)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Fervidobacterium; Fervidobacterium nodosum; Fervidobacterium nodosum Rt17-B1

Kosmotoga olearia TBF 19.5.1 (521045.3)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Kosmotoga; Kosmotoga olearia; Kosmotoga olearia TBF 19.5.1
Marinitoga piezophila KA3 (443254.3)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Marinitoga; Marinitoga piezophila; Marinitoga piezophila KA3
Petrotoga mobilis SJ95 (403833.5)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Petrotoga; Petrotoga mobilis; Petrotoga mobilis SJ95
Thermosipho africanus TCF52B (484019.3)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Thermosipho; Thermosipho africanus
Thermosipho melanesiensis BI429 (391009.4)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Thermosipho; Thermosipho melanesiensis; Thermosipho melanesiensis BI429; Thermosipho melanesiensis BI429
Thermotoga maritima MSB8 (243274.1)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Thermotoga; Thermotoga maritima; Thermotoga maritima MSB8; Thermotoga maritima MSB8
Thermotoga naphthophila RKU-10 (590168.4)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Thermotoga; Thermotoga naphthophila; Thermotoga naphthophila RKU-10

Thermotoga neapolitana DSM 4359 (309803.4)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Thermotoga; Thermotoga neapolitana; Thermotoga neapolitana DSM 4359
Thermotoga sp. RQ2 (126740.4)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Thermotoga; Thermotoga sp. RQ2
Thermotoga thermarum DSM 5069 (688269.3)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; Thermotogaceae; Thermotoga; Thermotoga thermarum; Thermotoga thermarum DSM 5069
Thermotogales bacterium mesG1.Ag.4.2 (660470.3)	Bacteria; Thermotogae; Thermotogae (class); Thermotogales; unclassified Thermotogales; unclassified Thermotogales (miscellaneous); Thermotogales bacterium mesG1.Ag.4.2
Thermotoga lettingae TMO (416591.4)	Bacteria; Thermotogae; Thermotogales; Thermotogaceae; Thermotoga.
Cloacamonas acidaminovorans (456827.3)	Bacteria; unclassified Bacteria; candidate division WWE1; Cloacamonas; Cloacamonas acidaminovorans

(D) These organisms contain only RNase J.

Organism	Taxonomy
Corynebacterium genitalium ATCC 33030 (585529.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium genitalium; Corynebacterium genitalium ATCC 33030

Corynebacterium lipophiloflavum DSM 44291 (525263.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium lipophiloflavum; Corynebacterium lipophiloflavum DSM 44291
Dermacoccus sp. Ellin185 (188626.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Dermacoccaceae; Dermacoccus; Dermacoccus sp. Ellin185
Nocardioideae bacterium Broad-1 (408672.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Propionibacterineae; Nocardioideae; unclassified Nocardioideae; Nocardioideae bacterium Broad-1
Streptomyces roseosporus NRRL 11379 (457430.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces filamentosus; Streptomyces roseosporus NRRL 11379
Streptomyces griseoaurantiacus M045 (996637.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces griseoaurantiacus; Streptomyces griseoaurantiacus M045
Streptomyces pristinaespiralis ATCC 25486 (457429.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces pristinaespiralis; Streptomyces pristinaespiralis ATCC 25486
Streptomyces sviveus ATCC 29083 (463191.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces sviveus; Streptomyces sviveus ATCC 29083

Streptomyces violaceusniger Tu 4113 (653045.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces violaceusniger; Streptomyces violaceusniger Tu 4113
Collinsella aerofaciens ATCC 25986 (411903.6)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Collinsella; Collinsella aerofaciens; Collinsella aerofaciens ATCC 25986
Coriobacterium glomerans PW2 (700015.3)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Coriobacterium; Coriobacterium glomerans; Coriobacterium glomerans PW2
Gordonibacter pamelaeae 7-10-1-b (657308.3)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Gordonibacter; Gordonibacter pamelaeae; Gordonibacter pamelaeae 7-10-1-b
Olsenella uli DSM 7084 (633147.4)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Olsenella; Olsenella uli; Olsenella uli DSM 7084
Calditerrivibrio nitroreducens DSM 19672 (768670.3)	Bacteria; Deferribacteres; Deferribacteres (class); Deferribacterales; Deferribacteraceae; Calditerrivibrio; Calditerrivibrio nitroreducens; Calditerrivibrio nitroreducens DSM 19672
Deinococcus maricopensis DSM 21211 (709986.3)	Bacteria; Deinococcus-Thermus; Deinococci; Deinococcales; Deinococcaceae; Deinococcus; Deinococcus maricopensis; Deinococcus maricopensis DSM 21211

Deinococcus proteolyticus MRP (693977.3)	Bacteria; Deinococcus-Thermus; Deinococci; Deinococcales; Deinococcaceae; Deinococcus; Deinococcus proteolyticus; Deinococcus proteolyticus MRP
Thermus scotoductus SA-01 (743525.8)	Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus; Thermus scotoductus; Thermus scotoductus SA-01
Acidobacterium capsulatum ATCC 51196 (240015.3)	Bacteria; Fibrobacteres/Acidobacteria group; Acidobacteria; Acidobacteria (class); Acidobacteriales; Acidobacteriaceae; Acidobacterium; Acidobacterium capsulatum; Acidobacterium capsulatum ATCC 51196
Acidobacterium sp. MP5ACTX8 (682795.3)	Bacteria; Fibrobacteres/Acidobacteria group; Acidobacteria; Acidobacteria (class); Acidobacteriales; Acidobacteriaceae; Acidobacterium; Acidobacterium sp. MP5ACTX8
Acidobacteria bacterium Ellin345 (204669.6)	Bacteria; Fibrobacteres/Acidobacteria group; Acidobacteria; Acidobacteria (class); Acidobacteriales; Acidobacteriaceae; unclassified Acidobacteriaceae; Acidobacteria bacterium Ellin345; Acidobacteria bacterium Ellin345
Solibacter usitatus Ellin6076 (234267.9)	Bacteria; Fibrobacteres/Acidobacteria group; Acidobacteria; Solibacteres; Solibacterales; Solibacteraceae; Solibacter; Solibacter usitatus; Solibacter usitatus Ellin6076; Solibacter usitatus Ellin6076
Koribacter versatilis Ellin345 (204669.11)	Bacteria; Fibrobacteres/Acidobacteria group; Acidobacteria; unclassified Acidobacteria; Koribacter; Koribacter versatilis; Koribacter versatilis Ellin345
Bacillus sp. NRRL B-14911 (313627.6)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus sp. NRRL B-14911
Bacillus sp. m3-13 (406124.6)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus sp. m3-13
Ornithinibacillus sp. TW25 (981383.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Ornithinibacillus; Ornithinibacillus sp. TW25

Gemella sanguinis M325 (562983.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillales incertae sedis; Bacillales Family XI. Incertae Sedis; Gemella; Gemella sanguinis; Gemella sanguinis M325
Listeria ivanovii FSL F6-596 (702454.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Listeriaceae; Listeria; Listeria ivanovii; Listeria ivanovii FSL F6-596
Listeria marthii FSL S4-120 (702457.6)	Bacteria; Firmicutes; Bacilli; Bacillales; Listeriaceae; Listeria; Listeria marthii; Listeria marthii FSL S4-120
Paenibacillus elgii B69 (1007103.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Paenibacillus; Paenibacillus elgii; Paenibacillus elgii B69
Paenibacillus larvae subsp. larvae B-3650 (741161.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Paenibacillus; Paenibacillus larvae; Paenibacillus larvae subsp. larvae; Paenibacillus larvae subsp. larvae B-3650
Paenibacillus mucilaginosus KNP414 (1036673.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Paenibacillus; Paenibacillus mucilaginosus; Paenibacillus mucilaginosus KNP414
Paenibacillus polymyxa ATCC 842 (1036171.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Paenibacillus; Paenibacillus polymyxa; Paenibacillus polymyxa ATCC 842
Paenibacillus vortex V453 (715225.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Paenibacillus; Paenibacillus vortex; Paenibacillus vortex V453
Planococcus donghaensis MPA1U2 (933115.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Planococcaceae; Planococcus; Planococcus donghaensis; Planococcus donghaensis MPA1U2
Staphylococcus pseudintermedius ED99 (984892.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus pseudintermedius; Staphylococcus pseudintermedius ED99
Desmospora sp. 8437 (997346.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Thermoactinomycetaceae; Desmospora; Desmospora sp.

	8437
Lactobacillus animalis KCTC 3501 (930942.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus animalis; Lactobacillus animalis KCTC 3501
Lactobacillus farciminis KCTC 3681 (936140.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus farciminis; Lactobacillus farciminis KCTC 3681
Lactobacillus fructivorans KCTC 3543 (941770.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus fructivorans; Lactobacillus fructivorans KCTC 3543
Lactobacillus kefiranofaciens ZW3 (1033837.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus kefiranofaciens; Lactobacillus kefiranofaciens ZW3
Lactobacillus oris PB013-T2-3 (908339.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus oris; Lactobacillus oris PB013-T2-3
Fructobacillus fructosus KCTC 3544 (Leuconostoc fructosum KCTC (930946.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Leuconostocaceae; Fructobacillus; Fructobacillus fructosus; Fructobacillus fructosus KCTC 3544 (Leuconostoc fructosum KCTC
Leuconostoc gasicomitatum LMG 18811 (762550.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Leuconostocaceae; Leuconostoc; Leuconostoc gasicomitatum; Leuconostoc gasicomitatum LMG 18811
Leuconostoc gelidum KCTC 3527 (927691.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Leuconostocaceae; Leuconostoc; Leuconostoc gelidum; Leuconostoc gelidum KCTC 3527
Oenococcus oeni ATCC BAA-1163 (379360.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Leuconostocaceae; Oenococcus; Oenococcus oeni; Oenococcus oeni ATCC BAA-1163

Lactococcus garvieae 21881 (998087.5)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Lactococcus; Lactococcus garvieae; Lactococcus garvieae 21881
Streptococcus anginosus SK52 (1000570.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus anginosus group; Streptococcus anginosus; Streptococcus anginosus SK52
Streptococcus australis ATCC 700641 (888833.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus australis; Streptococcus australis ATCC 700641
Streptococcus criceti HS-6 (873449.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus criceti; Streptococcus criceti HS-6
Streptococcus downei F0415 (904293.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus downei; Streptococcus downei F0415
Streptococcus dysgalactiae subsp. dysgalactiae ATCC 27957 (663952.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus dysgalactiae group; Streptococcus dysgalactiae; Streptococcus dysgalactiae subsp. dysgalactiae; Streptococcus dysgalactiae subsp. dysgalactiae ATCC 27957
Streptococcus bovis ATCC 700338 (864569.5)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus equinus; Streptococcus bovis ATCC 700338
Streptococcus equinus ATCC 9812 (525379.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus equinus; Streptococcus equinus ATCC 9812
Streptococcus ictaluri 707-05 (764299.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus ictaluri; Streptococcus ictaluri 707-05

Streptococcus infantis ATCC 700779 (889204.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus infantis; Streptococcus infantis ATCC 700779
Streptococcus macacae NCTC 11558 (764298.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus macacae; Streptococcus macacae NCTC 11558
Streptococcus parauberis KCTC 11537 (936154.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus parauberis; Streptococcus parauberis KCTC 11537
Streptococcus pasteurianus ATCC 43144 (981540.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus pasteurianus; Streptococcus pasteurianus ATCC 43144
Streptococcus peroris ATCC 700780 (888746.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus peroris; Streptococcus peroris ATCC 700780
Streptococcus pseudoporcinus LQ 940-04 (875093.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus pseudoporcinus; Streptococcus pseudoporcinus LQ 940-04
Streptococcus pseudoporcinus SPIN 20026 (910313.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus pseudoporcinus; Streptococcus pseudoporcinus SPIN 20026
Streptococcus pyogenes ATCC 10782 (864568.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus pyogenes; Streptococcus pyogenes ATCC 10782
Clostridium cf. saccharolyticum K10 (717608.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium saccharolyticum; Clostridium cf. saccharolyticum K10
Clostridium symbiosum WAL-14163 (742740.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium symbiosum;

		Clostridium symbiosum WAL-14163
Peptoniphilus harei ACS-146-V-Sch2b (908338.3)		Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Peptoniphilus; Peptoniphilus harei; Peptoniphilus harei ACS-146-V-Sch2b
Thermaerobacter subterraneus DSM 13965 (867903.3)		Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XVII. Incertae Sedis; Thermaerobacter; Thermaerobacter subterraneus; Thermaerobacter subterraneus DSM 13965
Eubacterium cellulosolvens 6 (633697.3)		Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium cellulosolvens; Eubacterium cellulosolvens 6
Eubacterium siraeum 70/3 (657319.3)		Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium siraeum; Eubacterium siraeum 70/3
Eubacterium yurii subsp. margaretiae ATCC 43715 (864565.3)		Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium yurii; Eubacterium yurii subsp. margaretiae; Eubacterium yurii subsp. margaretiae ATCC 43715
Pseudoramibacter alactolyticus ATCC 23263 (887929.3)		Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Pseudoramibacter; Pseudoramibacter alactolyticus; Pseudoramibacter alactolyticus ATCC 23263
Butyrivibrio fibrisolvens 16/4 (657324.3)		Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Butyrivibrio; Butyrivibrio fibrisolvens; Butyrivibrio fibrisolvens 16/4
Coprococcus catus GD/7 (717962.3)		Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Coprococcus; Coprococcus catus; Coprococcus catus GD/7

Lachnospiraceae oral taxon 107 str. F0167 (575593.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; unclassified Lachnospiraceae; Lachnospiraceae oral taxon 107; Lachnospiraceae oral taxon 107 str. F0167
Desulfotomaculum carboxydivorans CO-1-SRB (868595.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Desulfotomaculum; Desulfotomaculum carboxydivorans; Desulfotomaculum carboxydivorans CO-1-SRB
Desulfotomaculum kuznetsovii DSM 6115 (760568.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Desulfotomaculum; Desulfotomaculum kuznetsovii; Desulfotomaculum kuznetsovii DSM 6115
Desulfotomaculum nigrificans DSM 574 (696369.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Desulfotomaculum; Desulfotomaculum nigrificans; Desulfotomaculum nigrificans DSM 574
Peptostreptococcus stomatis DSM 17678 (596315.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptostreptococcaceae; Peptostreptococcus; Peptostreptococcus stomatis; Peptostreptococcus stomatis DSM 17678
Acetivibrio cellulolyticus CD2 (509191.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Acetivibrio; Acetivibrio cellulolyticus; Acetivibrio cellulolyticus CD2
Faecalibacterium cf. prausnitzii KLE1255 (748224.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Faecalibacterium; Faecalibacterium prausnitzii; Faecalibacterium cf. prausnitzii KLE1255
Ruminococcus obeum ATCC 29174 (411459.7)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Ruminococcus; Ruminococcus obeum; Ruminococcus obeum ATCC 29174
Ruminococcaceae bacterium D16 (552398.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; unclassified Ruminococcaceae; Ruminococcaceae bacterium D16

Veillonella atypica ACS-049-V-Sch6 (866776.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Veillonella; Veillonella atypica; Veillonella atypica ACS-049-V-Sch6
butyrate-producing bacterium SM4/1 (245012.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; unclassified Clostridiales; unclassified Clostridiales (miscellaneous); butyrate-producing bacterium SM4/1
Halanaerobium sp. 'sapolanicus' (656519.3)	Bacteria; Firmicutes; Clostridia; Halanaerobiales; Halanaerobiaceae; Halanaerobium; Halanaerobium sp. 'sapolanicus'
Tepidanaerobacter sp. Re1 (499229.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteraceae; Tepidanaerobacter; Tepidanaerobacter sp. Re1
Thermoanaerobacter wiegelii Rt8.B1 (697303.4)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteraceae; Thermoanaerobacter; Thermoanaerobacter wiegelii; Thermoanaerobacter wiegelii Rt8.B1
Caldicellulosiruptor kronotskyensis 2002 (632348.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family III. Incertae Sedis; Caldicellulosiruptor; Caldicellulosiruptor kronotskyensis; Caldicellulosiruptor kronotskyensis 2002
Caldicellulosiruptor lactoaceticus 6A (632516.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family III. Incertae Sedis; Caldicellulosiruptor; Caldicellulosiruptor lactoaceticus; Caldicellulosiruptor lactoaceticus 6A
Caldicellulosiruptor obsidiansis OB47 (608506.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family III. Incertae Sedis; Caldicellulosiruptor; Caldicellulosiruptor obsidiansis; Caldicellulosiruptor obsidiansis OB47

Thermoanaerobacterium xylanolyticum LX-11 (858215.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family III. Incertae Sedis; Thermoanaerobacterium; Thermoanaerobacterium xylanolyticum; Thermoanaerobacterium xylanolyticum LX- 11
Thermosediminibacter oceani DSM 16646 (555079.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family III. Incertae Sedis; Thermosediminibacter; Thermosediminibacter oceani; Thermosediminibacter oceani DSM 16646
Mahella australiensis 50-1 BON (697281.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family IV. Incertae Sedis; Mahella; Mahella australiensis; Mahella australiensis 50-1 BON
Turicibacter sp. HGF1 (910310.3)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; Turicibacter; Turicibacter sp. HGF1
Eubacterium cylindroides T2-87 (717960.3)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; unclassified Erysipelotrichaceae; Eubacterium cylindroides; Eubacterium cylindroides T2-87
Mycoplasma hyopneumoniae 232 (295358.3)	Bacteria; Firmicutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma hyopneumoniae; Mycoplasma hyopneumoniae 232; Mycoplasma hyopneumoniae 232
Mycoplasma mobile 163K (267748.1)	Bacteria; Firmicutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma mobile; Mycoplasma mobile 163K; Mycoplasma mobile 163K
Mycoplasma pulmonis UAB CTIP (272635.1)	Bacteria; Firmicutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma pulmonis; Mycoplasma pulmonis UAB CTIP; Mycoplasma pulmonis UAB CTIP

Mycoplasma synoviae 53 (262723.3)	Bacteria; Firmicutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma synoviae; Mycoplasma synoviae 53; Mycoplasma synoviae 53
Phascolarctobacterium sp. YIT 12067 (626939.3)	Bacteria; Firmicutes; Negativicutes; Selenomonadales; Acidaminococcaceae; Phascolarctobacterium; Phascolarctobacterium sp. YIT 12067
Centipeda periodontii DSM 2778 (888060.3)	Bacteria; Firmicutes; Negativicutes; Selenomonadales; Veillonellaceae; Centipeda; Centipeda periodontii; Centipeda periodontii DSM 2778
Dialister micraerophilus DSM 19965 (888062.3)	Bacteria; Firmicutes; Negativicutes; Selenomonadales; Veillonellaceae; Dialister; Dialister micraerophilus; Dialister micraerophilus DSM 19965
Megamonas hypermegale ART12/1 (657316.3)	Bacteria; Firmicutes; Negativicutes; Selenomonadales; Veillonellaceae; Megamonas; Megamonas hypermegale; Megamonas hypermegale ART12/1
Selenomonas artemidis F0399 (749551.3)	Bacteria; Firmicutes; Negativicutes; Selenomonadales; Veillonellaceae; Selenomonas; Selenomonas artemidis; Selenomonas artemidis F0399
Veillonella sp. oral taxon 158 str. F0412 (879309.3)	Bacteria; Firmicutes; Negativicutes; Selenomonadales; Veillonellaceae; Veillonella; Veillonella sp. oral taxon 158; Veillonella sp. oral taxon 158 str. F0412
Beijerinckia indica subsp. indica ATCC 9039 (395963.13)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Beijerinckiaceae; Beijerinckia; Beijerinckia indica; Beijerinckia indica subsp. indica; Beijerinckia indica subsp. indica ATCC 9039
Nitrobacter sp. Nb-311A (314253.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bradyrhizobiaceae; Nitrobacter; Nitrobacter sp. Nb-311A
Brucella canis ATCC 23365 (483179.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella canis; Brucella canis ATCC 23365

Brucella ceti str. Cudo (595497.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella ceti; Brucella ceti str. Cudo
Brucella microti CCM 4915 (568815.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella microti; Brucella microti CCM 4915
Brucella neotomae 5K33 (520456.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella neotomae; Brucella neotomae 5K33
Brucella ovis ATCC 25840 (444178.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella ovis; Brucella ovis ATCC 25840
Brucella pinnipedialis B2/94 (520461.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella pinnipedialis; Brucella pinnipedialis B2/94
Brucella suis 1330 (204722.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella suis; Brucella suis 1330
Brucella suis ATCC 23445 (470137.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella suis; Brucella suis ATCC 23445
Methylobacterium chloromethanicum CM4 (440085.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Methylobacteriaceae; Methylobacterium; Methylobacterium extorquens group; Methylobacterium chloromethanicum; Methylobacterium chloromethanicum CM4
Methylobacterium extorquens AM1 (272630.7)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Methylobacteriaceae; Methylobacterium; Methylobacterium extorquens group; Methylobacterium extorquens; Methylobacterium extorquens AM1

Methylobacterium nodulans ORS 2060 (460265.11)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Methylobacteriaceae; Methylobacterium; Methylobacterium nodulans; Methylobacterium nodulans ORS 2060
Methylobacterium populi BJ001 (441620.7)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Methylobacteriaceae; Methylobacterium; Methylobacterium populi; Methylobacterium populi BJ001
Methylobacterium sp. 4-46 (426117.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Methylobacteriaceae; Methylobacterium; Methylobacterium sp. 4-46
Methylocystis sp. ATCC 49242 (622637.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Methylocystaceae; Methylocystis; Methylocystis sp. ATCC 49242
Methylosinus trichosporium OB3b (595536.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Methylocystaceae; Methylosinus; Methylosinus trichosporium; Methylosinus trichosporium OB3b
Mesorhizobium ciceri biovar biserrulae WSM1271 (765698.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Phyllobacteriaceae; Mesorhizobium; Mesorhizobium ciceri; Mesorhizobium ciceri biovar biserrulae; Mesorhizobium ciceri biovar biserrulae WSM1271
Mesorhizobium opportunistum WSM2075 (536019.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Phyllobacteriaceae; Mesorhizobium; Mesorhizobium opportunistum; Mesorhizobium opportunistum WSM2075
Liberibacter solanacearum CLso-ZC1 (658172.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Liberibacter; Liberibacter solanacearum; Liberibacter solanacearum CLso-ZC1
Agrobacterium sp. ATCC 31749 (82789.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Rhizobium/Agrobacterium group; Agrobacterium; Agrobacterium sp. ATCC 31749

Agrobacterium vitis S4 (311402.9)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Rhizobium/Agrobacterium group; Agrobacterium; Agrobacterium vitis; Agrobacterium vitis S4
Rhizobium etli CFN 42 (347834.17)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Rhizobium/Agrobacterium group; Rhizobium; Rhizobium etli; Rhizobium etli CFN 42
Rhizobium leguminosarum bv. trifolii WSM1325 (395491.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Rhizobium/Agrobacterium group; Rhizobium; Rhizobium leguminosarum; Rhizobium leguminosarum bv. trifolii; Rhizobium leguminosarum bv. trifolii WSM1325
Rhizobium sp. NGR234 (394.7)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Rhizobium/Agrobacterium group; Rhizobium; Rhizobium sp. NGR234
Sinorhizobium medicae WSM419 (366394.8)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Sinorhizobium/Ensifer group; Sinorhizobium; Sinorhizobium medicae; Sinorhizobium medicae WSM419
Hirschia baltica ATCC 49814 (582402.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Hyphomonadaceae; Hirschia; Hirschia baltica; Hirschia baltica ATCC 49814
Ahrensia sp. R2A130 (744979.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Ahrensia; Ahrensia sp. R2A130
Labrenzia aggregata IAM 12614 (384765.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Labrenzia; Labrenzia aggregata; Labrenzia aggregata IAM 12614
Pseudovibrio sp. JE062 (439495.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Pseudovibrio; Pseudovibrio sp. JE062

Roseomonas cervicalis ATCC 49957 (525371.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Roseomonas; Roseomonas cervicalis; Roseomonas cervicalis ATCC 49957
Rhodospirillum centenum SW (414684.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Rhodospirillaceae; Rhodospirillum; Rhodospirillum centenum
Rickettsia sibirica 246 (272951.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; spotted fever group; Rickettsia sibirica subgroup; Rickettsia sibirica; Rickettsia sibirica 246
Pelagibacter ubique HTCC1002 (314261.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; SAR11 cluster; Pelagibacter; Pelagibacter ubique; Pelagibacter ubique HTCC1002
Erythrobacter sp. SD-21 (161528.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Erythrobacteraceae; Erythrobacter; Erythrobacter sp. SD-21
Novosphingobium nitrogenifigens DSM 19370 (983920.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium; Novosphingobium nitrogenifigens; Novosphingobium nitrogenifigens DSM 19370
Sphingobium chlorophenicum L-1 (690566.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Sphingobium; Sphingobium chlorophenicum; Sphingobium chlorophenicum L-1
Alteromonas sp. SN2 (715451.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Alteromonas; Alteromonas sp. SN2

Stigmatella aurantiaca DW4/3-1 (378806.7)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Myxococcales; Cystobacterineae; Cystobacteraceae; Stigmatella; Stigmatella aurantiaca; Stigmatella aurantiaca DW4/3-1
Myxococcus xanthus DK 1622 (246197.19)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Myxococcales; Cystobacterineae; Myxococcaceae; Myxococcus; Myxococcus xanthus; Myxococcus xanthus DK 1622
Sorangium cellulosum So ce 56 (448385.11)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Myxococcales; Sorangineae; Polyangiaceae; Sorangium; Sorangium cellulosum; Sorangium cellulosum So ce 56
Helicobacter felis ATCC 49179 (936155.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter felis; Helicobacter felis ATCC 49179
Helicobacter suis HS1 (710393.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter suis; Helicobacter suis HS1
Sulfurimonas autotrophica DSM 16294 (563040.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Sulfurimonas; Sulfurimonas autotrophica; Sulfurimonas autotrophica DSM 16294
Synergistetes bacterium SGP1 (651822.3)	Bacteria; Synergistetes; unclassified Synergistetes; Synergistetes bacterium SGP1
Mycoplasma agalactiae PG2 (347257.4)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma agalactiae; Mycoplasma agalactiae PG2

Mycoplasma alligatoris A21JP2 (747682.4)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma alligatoris; Mycoplasma alligatoris A21JP2
Mycoplasma arthritidis 158L3-1 (243272.3)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma arthritidis
Mycoplasma bovis PG45 (289397.4)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma bovis; Mycoplasma bovis PG45
Mycoplasma conjunctivae (45361.3)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma conjunctivae
Mycoplasma crocodyli MP145 (512564.3)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma crocodyli; Mycoplasma crocodyli MP145
Mycoplasma fermentans JER (637387.12)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma fermentans; Mycoplasma fermentans JER
Mycoplasma genitalium G37 [WGS] (243273.26)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma genitalium; Mycoplasma genitalium G37 [WGS]
Mycoplasma hominis (2098.5)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma hominis
Mycoplasma hyorhinis HUB-1 (872331.3)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma hyorhinis; Mycoplasma hyorhinis HUB-1
Mycoplasma ovipneumoniae SC01 (997765.3)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma ovipneumoniae; Mycoplasma ovipneumoniae SC01

Mycoplasma suis str. Illinois (768700.4)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma suis; Mycoplasma suis str. Illinois
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(E) These organisms contain both RNase E and RNase Y.

Organism	Taxonomy
Propionibacterium sp. oral taxon 191 str. F0233 (553198.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Propionibacterineae; Propionibacteriaceae; Propionibacterium; Propionibacterium sp. oral taxon 191; Propionibacterium sp. oral taxon 191 str. F0233
Porphyromonas endodontalis ATCC 35406 (553175.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Porphyromonadaceae; Porphyromonas; Porphyromonas endodontalis; Porphyromonas endodontalis ATCC 35406
Opitutus terrae PB90-1 (452637.4)	Bacteria; Chlamydiae/Verrucomicrobia group; Verrucomicrobia; Opitutae; Opitutales; Opitutaceae; Opitutus; Opitutus terrae
Blastopirellula marina DSM 3645 (314230.4)	Bacteria; Planctomycetes; Planctomycetacia; Planctomycetales; Planctomycetaceae; Blastopirellula; Blastopirellula marina; Blastopirellula marina DSM 3645
Isosphaera pallida ATCC 43644 (575540.3)	Bacteria; Planctomycetes; Planctomycetacia; Planctomycetales; Planctomycetaceae; Isosphaera; Isosphaera pallida; Isosphaera pallida ATCC 43644

Planctomyces brasiliensis DSM 5305 (756272.5)	Bacteria; Planctomycetes; Planctomycetacia; Planctomycetales; Planctomycetaceae; Planctomyces; Planctomyces brasiliensis; Planctomyces brasiliensis DSM 5305
Planctomyces maris DSM 8797 (344747.3)	Bacteria; Planctomycetes; Planctomycetacia; Planctomycetales; Planctomycetaceae; Planctomyces; Planctomyces maris; Planctomyces maris DSM 8797
Desulfarculus baarsii DSM 2075 (644282.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfarculales; Desulfarculaceae; Desulfarculus; Desulfarculus baarsii; Desulfarculus baarsii DSM 2075
Desulfobulbus propionicus DSM 2032 (577650.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfobacterales; Desulfobulbaceae; Desulfobulbus; Desulfobulbus propionicus; Desulfobulbus propionicus DSM 2032
Desulfotalea psychrophila LSv54 (177439.1)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfobacterales; Desulfobulbaceae; Desulfotalea; Desulfotalea psychrophila; Desulfotalea psychrophila LSv54; Desulfotalea psychrophila LSv54
Desulfurivibrio alkaliphilus AHT2 (589865.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfobacterales; Desulfobulbaceae; Desulfurivibrio; Desulfurivibrio alkaliphilus; Desulfurivibrio alkaliphilus AHT2

Thermodesulfatator indicus DSM 15286 (667014.3)	Bacteria; Thermodesulfobacteria; Thermodesulfobacteria (class); Thermodesulfobacteriales; Thermodesulfobacteriaceae; Thermodesulfatator; Thermodesulfatator indicus; Thermodesulfatator indicus DSM 15286
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(F) These organisms contain both RNase J and Y.

Organism	Taxonomy
Atopobium parvulum DSM 20469 (521095.6)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Atopobium; Atopobium parvulum; Atopobium parvulum DSM 20469
Atopobium rimae ATCC 49626 (553184.4)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Atopobium; Atopobium rimae; Atopobium rimae ATCC 49626
Atopobium vaginae DSM 15829 (525256.4)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Atopobium; Atopobium vaginae; Atopobium vaginae DSM 15829
Collinsella intestinalis DSM 13280 (521003.7)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Collinsella; Collinsella intestinalis; Collinsella intestinalis DSM 13280

Collinsella stercoris DSM 13279 (445975.6)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Collinsella; Collinsella stercoris; Collinsella stercoris DSM 13279
Cryptobacterium curtum DSM 15641 (469378.5)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Cryptobacterium; Cryptobacterium curtum; Cryptobacterium curtum DSM 15641
Eggerthella lenta DSM 2243 (479437.5)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Eggerthella; Eggerthella lenta; Eggerthella lenta DSM 2243
Slackia exigua ATCC 700122 (649764.3)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Slackia; Slackia exigua; Slackia exigua ATCC 700122
Slackia heliotrinireducens DSM 20476 (471855.5)	Bacteria; Actinobacteria; Actinobacteria (class); Coriobacteridae; Coriobacteriales; Coriobacterineae; Coriobacteriaceae; Slackia; Slackia heliotrinireducens; Slackia heliotrinireducens DSM 20476

Rubrobacter xylanophilus DSM 9941 (266117.6)	Bacteria; Actinobacteria; Actinobacteria (class); Rubrobacteridae; Rubrobacterales; Rubrobacterineae; Rubrobacteraceae; Rubrobacter; Rubrobacter xylanophilus; Rubrobacter xylanophilus DSM 9941; Rubrobacter xylanophilus DSM 9941
Conexibacter woesei DSM 14684 (469383.5)	Bacteria; Actinobacteria; Actinobacteria (class); Rubrobacteridae; Solirubrobacterales; Conexibacteraceae; Conexibacter; Conexibacter woesei; Conexibacter woesei DSM 14684
Bacteroides capillosus ATCC 29799 (411467.6)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides capillosus; Bacteroides capillosus ATCC 29799
Bacteroides pectinophilus ATCC 43243 (483218.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides pectinophilus; Bacteroides pectinophilus ATCC 43243
Anaerolinea thermophila UNI-1 (926569.3)	Bacteria; Chloroflexi; Anaerolineae; Anaerolineales; Anaerolineaceae; Anaerolinea; Anaerolinea thermophila; Anaerolinea thermophila UNI-1
Chloroflexus aurantiacus J-10-fl (324602.4)	Bacteria; Chloroflexi; Chloroflexi (class); Chloroflexales; Chloroflexaceae; Chloroflexus; Chloroflexus aurantiacus; Chloroflexus aurantiacus J-10-fl
Chloroflexus sp. Y-400-fl (480224.3)	Bacteria; Chloroflexi; Chloroflexi (class); Chloroflexales; Chloroflexaceae; Chloroflexus; Chloroflexus sp. Y-400-fl

Roseiflexus castenholzii DSM 13941 (383372.6)	Bacteria; Chloroflexi; Chloroflexi (class); Chloroflexales; Chloroflexaceae; Roseiflexus; Roseiflexus castenholzii; Roseiflexus castenholzii DSM 13941
Roseiflexus sp. RS-1 (357808.3)	Bacteria; Chloroflexi; Chloroflexi (class); Chloroflexales; Chloroflexaceae; Roseiflexus; Roseiflexus sp. RS-1
Oscillochloris trichoides DG6 (765420.3)	Bacteria; Chloroflexi; Chloroflexi (class); Chloroflexales; Oscillochloridaceae; Oscillochloris; Oscillochloris trichoides; Oscillochloris trichoides DG6
Herpetosiphon aurantiacus ATCC 23779 (316274.3)	Bacteria; Chloroflexi; Chloroflexi (class); Herpetosiphonales; Herpetosiphonaceae; Herpetosiphon; Herpetosiphon aurantiacus; Herpetosiphon aurantiacus ATCC 23779
Dehalococcoides ethenogenes 195 (243164.3)	Bacteria; Chloroflexi; Dehalococcoidetes; Dehalococcoides; Dehalococcoides etheogenes; Dehalococcoides ethenogenes 195; Dehalococcoides etheogenes 195
Dehalococcoides sp. CBDB1 (255470.3)	Bacteria; Chloroflexi; Dehalococcoidetes; Dehalococcoides; Dehalococcoides sp. CBDB1; Dehalococcoides sp. CBDB1
Dehalogenimonas lykanthroporepellens BL-DC-9 (552811.9)	Bacteria; Chloroflexi; Dehalococcoidetes; Dehalogenimonas; Dehalogenimonas lykanthroporepellens; Dehalogenimonas lykanthroporepellens BL-DC-9
Ktedonobacter racemifer DSM 44963 (485913.3)	Bacteria; Chloroflexi; Ktedonobacteria; Ktedonobacterales; Ktedonobacteraceae; Ktedonobacter; Ktedonobacter racemifer; Ktedonobacter racemifer DSM 44963

Sphaerobacter thermophilus DSM 20745 (479434.6)	Bacteria; Chloroflexi; Thermomicrobia (class); Sphaerobacteridae; Sphaerobacterales; Sphaerobacterineae; Sphaerobacteraceae; Sphaerobacter; Sphaerobacter thermophilus; Sphaerobacter thermophilus DSM 20745
Thermomicrobium roseum DSM 5159 (309801.4)	Bacteria; Chloroflexi; Thermomicrobia (class); Thermomicrobiales; Thermomicrobiaceae; Thermomicrobium; Thermomicrobium roseum; Thermomicrobium roseum DSM 5159
Desulfurispirillum indicum S5 (653733.4)	Bacteria; Chrysiogenetes; Chrysiogenetes (class); Chrysiogenales; Chrysiogenaceae; Desulfurispirillum; Desulfurispirillum indicum; Desulfurispirillum indicum S5
Deferribacter desulfuricans SSM1 (639282.3)	Bacteria; Deferribacteres; Deferribacteres (class); Deferribacterales; Deferribacteraceae; Deferribacter; Deferribacter desulfuricans; Deferribacter desulfuricans SSM1
Denitrovibrio acetiphilus DSM 12809 (522772.6)	Bacteria; Deferribacteres; Deferribacteres (class); Deferribacterales; Deferribacteraceae; Denitrovibrio; Denitrovibrio acetiphilus; Denitrovibrio acetiphilus DSM 12809
Flexistipes sinusarabici DSM 4947 (717231.3)	Bacteria; Deferribacteres; Deferribacteres (class); Deferribacterales; Deferribacteraceae; Flexistipes; Flexistipes sinusarabici; Flexistipes sinusarabici DSM 4947

Deinococcus deserti VCD115 (546414.3)	Bacteria; Deinococcus-Thermus; Deinococci; Deinococcales; Deinococcaceae; Deinococcus; Deinococcus deserti; Deinococcus deserti VCD115
Deinococcus geothermalis DSM 11300 (319795.16)	Bacteria; Deinococcus-Thermus; Deinococci; Deinococcales; Deinococcaceae; Deinococcus; Deinococcus geothermalis; Deinococcus geothermalis DSM 11300
Deinococcus radiodurans R1 (243230.1)	Bacteria; Deinococcus-Thermus; Deinococci; Deinococcales; Deinococcaceae; Deinococcus; Deinococcus radiodurans; Deinococcus radiodurans R1; Deinococcus radiodurans R1
Truepera radiovictrix DSM 17093 (649638.3)	Bacteria; Deinococcus-Thermus; Deinococci; Deinococcales; Trueperaceae; Truepera; Truepera radiovictrix; Truepera radiovictrix DSM 17093
Marinithermus hydrothermalis DSM 14884 (869210.3)	Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Marinithermus; Marinithermus hydrothermalis; Marinithermus hydrothermalis DSM 14884
Meiothermus ruber DSM 1279 (504728.6)	Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Meiothermus; Meiothermus ruber; Meiothermus ruber DSM 1279
Meiothermus silvanus DSM 9946 (526227.6)	Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Meiothermus; Meiothermus silvanus; Meiothermus silvanus DSM 9946

Oceanithermus profundus DSM 14977 (670487.3)	Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Oceanithermus; Oceanithermus profundus; Oceanithermus profundus DSM 14977
Thermus aquaticus Y51MC23 (498848.5)	Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus; Thermus aquaticus; Thermus aquaticus Y51MC23
Thermus thermophilus HB8 (300852.3)	Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus; Thermus thermophilus; Thermus thermophilus HB8; Thermus thermophilus HB8
Dictyoglomus thermophilum H-6-12 (309799.3)	Bacteria; Dictyoglomi; Dictyoglomia; Dictyoglomales; Dictyoglomaceae; Dictyoglomus; Dictyoglomus thermophilum
Dictyoglomus turgidum DSM 6724 (515635.3)	Bacteria; Dictyoglomi; Dictyoglomia; Dictyoglomales; Dictyoglomaceae; Dictyoglomus; Dictyoglomus turgidum
Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446 (521098.5)	Bacteria; Firmicutes; Bacilli; Bacillales; Alicyclobacillaceae; Alicyclobacillus; Alicyclobacillus acidocaldarius; Alicyclobacillus acidocaldarius subsp. acidocaldarius; Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446
Bacillus tusciae DSM 2912 (562970.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Alicyclobacillaceae; unclassified Alicyclobacillaceae; Bacillus tusciae; Bacillus tusciae DSM 2912

Anoxybacillus flavithermus WK1 (491915.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Anoxybacillus; Anoxybacillus flavithermus
Bacillus amyloliquefaciens FZB42 (326423.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus amyloliquefaciens
Bacillus cellulosityticus DSM 2522 (649639.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cellulosityticus; Bacillus cellulosityticus DSM 2522
Bacillus anthracis str. 'Ames Ancestor' (261594.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus anthracis; Bacillus anthracis str. 'Ames Ancestor'; Bacillus anthracis str. 'Ames Ancestor'
Bacillus anthracis str. Ames (198094.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus anthracis; Bacillus anthracis str. Ames; Bacillus anthracis str. Ames
Bacillus anthracis str. Kruger B (205919.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus anthracis; Bacillus anthracis str. Kruger B; Bacillus anthracis str. Kruger B
Bacillus anthracis str. Sterne (260799.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus anthracis; Bacillus anthracis str. Sterne; Bacillus anthracis str. Sterne
Bacillus cereus ATCC 14579 (226900.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus cereus; Bacillus cereus ATCC 14579; Bacillus cereus ATCC 14579

Bacillus cereus E33L (288681.12)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus cereus; Bacillus cereus E33L
Bacillus cereus biovar anthracis str. CI (637380.6)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus cereus; Bacillus cereus biovar anthracis str. CI
Bacillus cereus subsp. cytotoxis NVH 391-98 (315749.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus cereus; Bacillus cereus subsp. cytotoxis NVH 391-98
Bacillus cytotoxicus NVH 391-98 (315749.8)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus cytotoxicus; Bacillus cytotoxicus NVH 391-98
Bacillus mycoides DSM 2048 (526997.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus mycoides; Bacillus mycoides DSM 2048
Bacillus thuringiensis BMB171 (714359.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus thuringiensis; Bacillus thuringiensis serovar kurstaki; Bacillus thuringiensis BMB171
Bacillus thuringiensis serovar thuringiensis str. T01001 (527025.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus thuringiensis; Bacillus thuringiensis serovar thuringiensis; Bacillus thuringiensis serovar thuringiensis str. T01001

Bacillus thuringiensis str. Al Hakam (412694.5)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus thuringiensis; Bacillus thuringiensis str. Al Hakam; Bacillus thuringiensis str. Al Hakam
Bacillus weihenstephanensis KBAB4 (315730.5)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus cereus group; Bacillus weihenstephanensis; Bacillus weihenstephanensis KBAB4
Bacillus clausii KSM-K16 (66692.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus clausii; Bacillus clausii KSM-K16; Bacillus clausii KSM-K16
Bacillus coagulans 36D1 (345219.8)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus coagulans; Bacillus coagulans 36D1
Bacillus coahuilensis m4-4 (441769.6)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus coahuilensis; Bacillus coahuilensis m4-4
Bacillus halodurans C-125 (272558.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus halodurans; Bacillus halodurans C-125; Bacillus halodurans C-125
Bacillus licheniformis ATCC 14580 (279010.5)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus licheniformis; Bacillus licheniformis ATCC 14580; Bacillus licheniformis ATCC 14580
Bacillus megaterium DSM319 (592022.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus megaterium; Bacillus megaterium DSM319

Bacillus pseudofirmus OF4 (398511.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus pseudofirmus; Bacillus pseudofirmus OF4
Bacillus pseudomycooides DSM 12442 (527000.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus pseudomycooides; Bacillus pseudomycooides DSM 12442
Bacillus pumilus ATCC 7061 (536229.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus pumilus; Bacillus pumilus ATCC 7061
Bacillus selenitireducens MLS10 (439292.5)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus selenitireducens; Bacillus selenitireducens MLS10
Bacillus sp. B14905 (388400.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus sp. B14905
Bacillus atrophaeus ATCC 49822-1 (743710.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus subtilis group; Bacillus atrophaeus; Bacillus atrophaeus ATCC 49822; Bacillus atrophaeus ATCC 49822-1
Bacillus atrophaeus ATCC 9372-1 (903520.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus subtilis group; Bacillus atrophaeus; Bacillus atrophaeus ATCC 9372; Bacillus atrophaeus ATCC 9372-1
Bacillus subtilis subsp. natto BEST195 (645657.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus subtilis group; Bacillus subtilis; Bacillus subtilis subsp. natto; Bacillus subtilis subsp. natto BEST195

Bacillus subtilis subsp. spizizenii ATCC 6633 (703612.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus subtilis group; Bacillus subtilis; Bacillus subtilis subsp. spizizenii; Bacillus subtilis subsp. spizizenii ATCC 6633
Bacillus subtilis subsp. subtilis str. NCIB 3610 (535026.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus subtilis group; Bacillus subtilis; Bacillus subtilis subsp. subtilis; Bacillus subtilis subsp. subtilis str. NCIB 3610
Bacillus subtilis subsp. subtilis str. SMY (535024.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus subtilis group; Bacillus subtilis; Bacillus subtilis subsp. subtilis; Bacillus subtilis subsp. subtilis str. SMY
Bacillus subtilis subsp. subtilis str. 168 (224308.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Bacillus; Bacillus subtilis; Bacillus subtilis subsp. subtilis; Bacillus subtilis subsp. subtilis str. 168; Bacillus subtilis subsp. subtilis str. 168
Exiguobacterium sibiricum 255-15 (262543.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Exiguobacterium; Exiguobacterium sibiricum; Exiguobacterium sibiricum 255-15
Geobacillus kaustophilus HTA426 (235909.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Geobacillus; Geobacillus kaustophilus; Geobacillus kaustophilus HTA426; Geobacillus kaustophilus HTA426
Geobacillus sp. WCH70 (471223.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Geobacillus; Geobacillus sp. WCH70

Geobacillus thermodenitrificans NG80-2 (420246.5)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Geobacillus; Geobacillus thermodenitrificans; Geobacillus thermodenitrificans NG80-2; Geobacillus thermodenitrificans NG80-2
Geobacillus thermoglucosidasius C56-YS93 (634956.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Geobacillus; Geobacillus thermoglucosidasius; Geobacillus thermoglucosidasius C56-YS93
Oceanobacillus iheyensis HTE831 (221109.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; Oceanobacillus; Oceanobacillus iheyensis; Oceanobacillus iheyensis HTE831; Oceanobacillus iheyensis HTE831
Gemella haemolysans ATCC 10379 (546270.5)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillales incertae sedis; Bacillales Family XI. Incertae Sedis; Gemella; Gemella haemolysans; Gemella haemolysans ATCC 10379
Gemella moribillum M424 (562982.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillales incertae sedis; Bacillales Family XI. Incertae Sedis; Gemella; Gemella morbillorum; Gemella moribillum M424
Exiguobacterium sp. AT1b (360911.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Bacillales incertae sedis; Bacillales Family XII. Incertae Sedis; Exiguobacterium; Exiguobacterium sp. AT1b
Listeria grayi DSM 20601 (525367.9)	Bacteria; Firmicutes; Bacilli; Bacillales; Listeriaceae; Listeria; Listeria grayi; Listeria grayi DSM 20601

Listeria innocua Clip11262 (272626.9)	Bacteria; Firmicutes; Bacilli; Bacillales; Listeriaceae; Listeria; Listeria innocua; Listeria innocua Clip11262
Listeria monocytogenes EGD-e (169963.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Listeriaceae; Listeria; Listeria monocytogenes; Listeria monocytogenes EGD-e; Listeria monocytogenes EGD-e
Listeria seeligeri serovar 1/2b str. SLCC3954 (683837.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Listeriaceae; Listeria; Listeria seeligeri; Listeria seeligeri serovar 1/2b str. SLCC3954
Listeria welshimeri serovar 6b str. SLCC5334 (386043.6)	Bacteria; Firmicutes; Bacilli; Bacillales; Listeriaceae; Listeria; Listeria welshimeri; Listeria welshimeri serovar 6b str. SLCC5334; Listeria welshimeri serovar 6b str. SLCC5334
Brevibacillus brevis NBRC 100599 (358681.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Brevibacillus; Brevibacillus brevis; Brevibacillus brevis NBRC 100599
Paenibacillus curdlanolyticus YK9 (717606.6)	Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Paenibacillus; Paenibacillus curdlanolyticus; Paenibacillus curdlanolyticus YK9
Paenibacillus sp. JDR-2 (324057.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Paenibacillus; Paenibacillus sp. JDR-2
Paenibacillus sp. oral taxon 786 str. D14 (621372.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Paenibacillus; Paenibacillus sp. oral taxon 786; Paenibacillus sp. oral taxon 786 str. D14

Lysinibacillus sphaericus C3-41 (444177.5)	Bacteria; Firmicutes; Bacilli; Bacillales; Planococcaceae; Lysinibacillus; Lysinibacillus sphaericus; Lysinibacillus sphaericus C3-41
Staphylococcus aureus subsp. aureus COL (93062.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus aureus; Staphylococcus aureus subsp. aureus; Staphylococcus aureus subsp. aureus COL; Staphylococcus aureus subsp. aureus COL
Staphylococcus aureus subsp. aureus MRSA252 (282458.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus aureus; Staphylococcus aureus subsp. aureus; Staphylococcus aureus subsp. aureus MRSA252; Staphylococcus aureus subsp. aureus MRSA252
Staphylococcus aureus subsp. aureus Mu50 (158878.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus aureus; Staphylococcus aureus subsp. aureus; Staphylococcus aureus subsp. aureus Mu50; Staphylococcus aureus subsp. aureus Mu50
Staphylococcus aureus subsp. aureus N315 (158879.1)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus aureus; Staphylococcus aureus subsp. aureus; Staphylococcus aureus subsp. aureus N315; Staphylococcus aureus subsp. aureus N315
Staphylococcus aureus subsp. aureus NCTC 8325 (93061.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus aureus; Staphylococcus aureus subsp. aureus; Staphylococcus aureus subsp. aureus NCTC 8325; Staphylococcus aureus subsp. aureus NCTC 8325

Staphylococcus aureus subsp. aureus RN4220 (561307.5)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus aureus; Staphylococcus aureus subsp. aureus; Staphylococcus aureus subsp. aureus NCTC 8325; Staphylococcus aureus subsp. aureus RN4220
Staphylococcus aureus subsp. aureus str. Newman (426430.6)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus aureus; Staphylococcus aureus subsp. aureus; Staphylococcus aureus subsp. aureus str. Newman; Staphylococcus aureus subsp. aureus str. Newman
Staphylococcus capitis SK14 (553212.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus capitis; Staphylococcus capitis SK14
Staphylococcus carnosus subsp. carnosus TM300 (396513.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus carnosus; Staphylococcus carnosus subsp. carnosus; Staphylococcus carnosus subsp. carnosus TM300
Staphylococcus epidermidis SK135 (596317.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus epidermidis; Staphylococcus epidermidis SK135
Staphylococcus haemolyticus JCSC1435 (279808.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus haemolyticus; Staphylococcus haemolyticus JCSC1435; Staphylococcus haemolyticus JCSC1435

Staphylococcus hominis SK119 (629742.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus hominis; Staphylococcus hominis SK119
Staphylococcus lugdunensis HKU09-01 (698737.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus lugdunensis; Staphylococcus lugdunensis HKU09-01
Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305 (342451.4)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus saprophyticus; Staphylococcus saprophyticus subsp. saprophyticus; Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305; Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305
Staphylococcus warneri L37603 (596319.3)	Bacteria; Firmicutes; Bacilli; Bacillales; Staphylococcaceae; Staphylococcus; Staphylococcus warneri; Staphylococcus warneri L37603
Abiotrophia defectiva ATCC 49176 (592010.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Aerococcaceae; Abiotrophia; Abiotrophia defectiva; Abiotrophia defectiva ATCC 49176
Aerococcus urinae ACS-120-V-Col10a (866775.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Aerococcaceae; Aerococcus; Aerococcus urinae; Aerococcus urinae ACS-120-V-Col10a
Aerococcus viridans ATCC 11563 (655812.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Aerococcaceae; Aerococcus; Aerococcus viridans; Aerococcus viridans ATCC 11563

Eremococcus coleocola ACS-139-V-Col8 (908337.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Aerococcaceae; Eremococcus; Eremococcus coleocola; Eremococcus coleocola ACS-139-V-Col8
Carnobacterium sp. AT7 (333990.5)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Carnobacteriaceae; Carnobacterium; Carnobacterium sp. AT7
Granulicatella adiacens ATCC 49175 (638301.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Carnobacteriaceae; Granulicatella; Granulicatella adiacens; Granulicatella adiacens ATCC 49175
Granulicatella elegans ATCC 700633 (626369.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Carnobacteriaceae; Granulicatella; Granulicatella elegans; Granulicatella elegans ATCC 700633
Enterococcus casseliflavus EC10 (565654.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Enterococcaceae; Enterococcus; Enterococcus casseliflavus; Enterococcus casseliflavus EC10
Enterococcus faecalis ATCC 29200 (525271.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Enterococcaceae; Enterococcus; Enterococcus faecalis; Enterococcus faecalis ATCC 29200
Enterococcus faecium E1039 (645663.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Enterococcaceae; Enterococcus; Enterococcus faecium; Enterococcus faecium E1039
Enterococcus gallinarum EG2 (565653.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Enterococcaceae; Enterococcus; Enterococcus gallinarum; Enterococcus gallinarum EG2

Enterococcus italicus DSM 15952 (888064.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Enterococcaceae; Enterococcus; Enterococcus italicus; Enterococcus italicus DSM 15952
Enterococcus sp. 7L76 (657310.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Enterococcaceae; Enterococcus; Enterococcus sp. 7L76
Melissococcus plutonius ATCC 35311 (940190.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Enterococcaceae; Melissococcus; Melissococcus plutonius; Melissococcus plutonius ATCC 35311
Lactobacillus acidophilus ATCC 4796 (525306.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus acidophilus; Lactobacillus acidophilus ATCC 4796
Lactobacillus amylolyticus DSM 11664 (585524.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus amylolyticus; Lactobacillus amylolyticus DSM 11664
Lactobacillus antri DSM 16041 (525309.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus antri; Lactobacillus antri DSM 16041
Lactobacillus brevis ATCC 367 (387344.13)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus brevis; Lactobacillus brevis ATCC 367
Lactobacillus buchneri ATCC 11577 (525318.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus buchneri; Lactobacillus buchneri ATCC 11577

Lactobacillus paracasei subsp. paracasei ATCC 25302 (525337.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus casei group; Lactobacillus paracasei; Lactobacillus paracasei subsp. paracasei; Lactobacillus paracasei subsp. paracasei ATCC 25302
Lactobacillus casei ATCC 334 (321967.8)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus casei; Lactobacillus casei ATCC 334
Lactobacillus coleohominis 101-4-CHN (575594.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus coleohominis; Lactobacillus coleohominis 101-4-CHN
Lactobacillus crispatus 125-2-CHN (575595.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus crispatus; Lactobacillus crispatus 125-2-CHN
Lactobacillus crispatus ST1 (748671.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus crispatus; Lactobacillus crispatus ST1
Lactobacillus delbrueckii subsp. bulgaricus ATCC 11842 (390333.6)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus delbrueckii; Lactobacillus delbrueckii subsp. bulgaricus
Lactobacillus fermentum IFO 3956 (334390.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus fermentum

Lactobacillus helveticus DSM 20075 (585520.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus helveticus; Lactobacillus helveticus DSM 20075
Lactobacillus hilgardii ATCC 8290 (525327.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus hilgardii; Lactobacillus hilgardii ATCC 8290
Lactobacillus iners ATCC 55195 (888801.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus iners; Lactobacillus iners ATCC 55195
Lactobacillus iners DSM 13335 (525328.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus iners; Lactobacillus iners DSM 13335
Lactobacillus jensenii SJ-7A-US (575607.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus jensenii; Lactobacillus jensenii SJ-7A-US
Lactobacillus johnsonii ATCC 33200 (525330.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus johnsonii; Lactobacillus johnsonii ATCC 33200
Lactobacillus plantarum subsp. plantarum ATCC 14917 (525338.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus plantarum; Lactobacillus plantarum subsp. plantarum; Lactobacillus plantarum subsp. plantarum ATCC 14917
Lactobacillus reuteri DSM 20016 (557436.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus reuteri; Lactobacillus reuteri DSM 20016

Lactobacillus rhamnosus LMS2-1 (525361.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus rhamnosus; Lactobacillus rhamnosus LMS2-1
Lactobacillus ruminis ATCC 25644 (525362.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus ruminis; Lactobacillus ruminis ATCC 25644
Lactobacillus sakei subsp. sakei 23K (314315.12)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus sakei; Lactobacillus sakei subsp. sakei; Lactobacillus sakei subsp. sakei 23K
Lactobacillus salivarius ATCC 11741 (525364.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus salivarius; Lactobacillus salivarius ATCC 11741
Lactobacillus ultunensis DSM 16047 (525365.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus ultunensis; Lactobacillus ultunensis DSM 16047
Lactobacillus vaginalis ATCC 49540 (525366.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactobacillus; Lactobacillus vaginalis; Lactobacillus vaginalis ATCC 49540
Pediococcus acidilactici 7_4 (563194.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Pediococcus; Pediococcus acidilactici; Pediococcus acidilactici 7_4

Leuconostoc kimchii IMSNU11154 (762051.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Leuconostocaceae; Leuconostoc; Leuconostoc kimchii; Leuconostoc kimchii IMSNU11154
Leuconostoc mesenteroides subsp. cremoris ATCC 19254 (586220.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Leuconostocaceae; Leuconostoc; Leuconostoc mesenteroides; Leuconostoc mesenteroides subsp. cremoris; Leuconostoc mesenteroides subsp. cremoris ATCC 19254
Weissella paramesenteroides ATCC 33313 (585506.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Leuconostocaceae; Weissella; Weissella paramesenteroides; Weissella paramesenteroides ATCC 33313
Lactococcus lactis subsp. lactis II1403 (272623.1)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Lactococcus; Lactococcus lactis; Lactococcus lactis subsp. lactis; Lactococcus lactis subsp. lactis II1403; Lactococcus lactis subsp. lactis II1403
Streptococcus agalactiae A909 (205921.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus agalactiae; Streptococcus agalactiae serogroup Ia; Streptococcus agalactiae A909; Streptococcus agalactiae A909
Streptococcus cristatus ATCC 51100 (889201.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus cristatus; Streptococcus cristatus ATCC 51100

Streptococcus dysgalactiae subsp. equisimilis GGS_124 (486410.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus dysgalactiae group; Streptococcus dysgalactiae; Streptococcus dysgalactiae subsp. equisimilis; Streptococcus dysgalactiae subsp. equisimilis GGS_124
Streptococcus equi subsp. equi 4047 (553482.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus dysgalactiae group; Streptococcus equi; Streptococcus equi subsp. equi; Streptococcus equi subsp. equi 4047
Streptococcus equi subsp. zooepidemicus MGCS10565 (552526.7)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus dysgalactiae group; Streptococcus equi; Streptococcus equi subsp. zooepidemicus
Streptococcus gallolyticus UCN34 (637909.5)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus gallolyticus; Streptococcus gallolyticus UCN34
Streptococcus gallolyticus subsp. gallolyticus ATCC 43143 (981539.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus gallolyticus; Streptococcus gallolyticus subsp. gallolyticus; Streptococcus gallolyticus subsp. gallolyticus ATCC 43143

Streptococcus infantarius subsp. infantarius ATCC BAA-102 (471872.6)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus infantarius; Streptococcus infantarius subsp. infantarius; Streptococcus infantarius subsp. infantarius ATCC BAA-102
Streptococcus mitis NCTC 12261 (246201.1)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus mitis; Streptococcus mitis NCTC 12261; Streptococcus mitis NCTC 12261
Streptococcus mutans NN2025 (511691.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus mutans; Streptococcus mutans NN2025
Streptococcus mutans UA159 (210007.1)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus mutans; Streptococcus mutans UA159; Streptococcus mutans UA159
Streptococcus oralis ATCC 35037 (655813.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus oralis; Streptococcus oralis ATCC 35037
Streptococcus parasanguinis ATCC 15912 (760570.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus parasanguinis; Streptococcus parasanguinis ATCC 15912

Streptococcus pneumoniae R6 (171101.1)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus pneumoniae; Streptococcus pneumoniae R6; Streptococcus pneumoniae R6
Streptococcus pneumoniae TIGR4 (170187.1)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus pneumoniae; Streptococcus pneumoniae TIGR4; Streptococcus pneumoniae TIGR4
Streptococcus pyogenes M1 GAS (160490.1)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus pyogenes; Streptococcus pyogenes serotype M1; Streptococcus pyogenes M1 GAS; Streptococcus pyogenes M1 GAS
Streptococcus pyogenes MGAS5005 (293653.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus pyogenes; Streptococcus pyogenes serotype M1; Streptococcus pyogenes MGAS5005; Streptococcus pyogenes MGAS5005
Streptococcus salivarius SK126 (596322.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus salivarius; Streptococcus salivarius SK126
Streptococcus sanguinis SK36 (388919.8)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus sanguinis; Streptococcus sanguinis SK36; Streptococcus sanguinis SK36

Streptococcus suis 98HAH33 (391296.7)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus suis; Streptococcus suis 98HAH33
Streptococcus suis P1/7 (218494.4)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus suis; Streptococcus suis P1/7
Streptococcus thermophilus CNRZ1066 (299768.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus thermophilus; Streptococcus thermophilus CNRZ1066; Streptococcus thermophilus CNRZ1066
Streptococcus uberis 0140J (218495.3)	Bacteria; Firmicutes; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus; Streptococcus uberis; Streptococcus uberis 0140J; Streptococcus uberis 0140J
Symbiobacterium thermophilum IAM 14863 (292459.1)	Bacteria; Firmicutes; Bacilli; Lactobacillales; unclassified Lactobacillales; Symbiobacterium; Symbiobacterium thermophilum; Symbiobacterium thermophilum IAM 14863; Symbiobacterium thermophilum IAM 14863
Alkaliphilus metalliredigens QYMF (293826.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Alkaliphilus; Alkaliphilus metalliredigens; Alkaliphilus metalliredigens QYMF
Alkaliphilus oremlandii OhILAs (350688.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Alkaliphilus; Alkaliphilus oremlandii; Alkaliphilus oremlandii OhILAs

Clostridium acetobutylicum ATCC 824 (272562.1)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium acetobutylicum; Clostridium acetobutylicum ATCC 824; Clostridium acetobutylicum ATCC 824
Clostridium asparagiforme DSM 15981 (518636.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium asparagiforme; Clostridium asparagiforme DSM 15981
Clostridium bartlettii DSM 16795 (445973.7)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium bartlettii; Clostridium bartlettii DSM 16795
Clostridium beijerinckii NCIMB 8052 (290402.41)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium beijerinckii; Clostridium beijerinckii NCIMB 8052
Clostridium bolteae ATCC BAA-613 (411902.9)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium bolteae; Clostridium bolteae ATCC BAA-613
Clostridium botulinum A str. ATCC 3502 (413999.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium botulinum; Clostridium botulinum A; Clostridium botulinum A str. ATCC 3502; Clostridium botulinum A str. ATCC 3502
Clostridium botulinum NCTC 2916 (445335.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium botulinum; Clostridium botulinum NCTC 2916

Clostridium butyricum 5521 (447214.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium butyricum; Clostridium butyricum 5521
Clostridium butyricum E4 str. BoNT E BL5262 (632245.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium butyricum; Clostridium butyricum E4 str. BoNT E BL5262
Clostridium carboxidivorans P7 (536227.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium carboxidivorans; Clostridium carboxidivorans P7
Clostridium cellulolyticum H10 (394503.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium cellulolyticum
Clostridium cellulovorans 743B (573061.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium cellulovorans; Clostridium cellulovorans 743B
Clostridium difficile NAP07 (525258.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium difficile; Clostridium difficile NAP07
Clostridium difficile QCD-23m63 (499174.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium difficile; Clostridium difficile QCD-23m63
Clostridium hiranonis DSM 13275 (500633.7)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium hiranonis; Clostridium hiranonis DSM 13275

Clostridium hylemonae DSM 15053 (553973.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium hylemonae; Clostridium hylemonae DSM 15053
Clostridium kluuyveri DSM 555 (431943.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium kluuyveri; Clostridium kluuyveri DSM 555; Clostridium kluuyveri DSM 555
Clostridium kluuyveri NBRC 12016 (583346.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium kluuyveri; Clostridium kluuyveri NBRC 12016
Clostridium leptum DSM 753 (428125.8)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium leptum; Clostridium leptum DSM 753
Clostridium ljungdahlii (1538.8)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium ljungdahlii
Clostridium methylpentosum DSM 5476 (537013.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium methylpentosum; Clostridium methylpentosum DSM 5476
Clostridium nexile DSM 1787 (500632.7)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium nexile; Clostridium nexile DSM 1787
Clostridium novyi NT (386415.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium novyi
Clostridium papyrosolvans DSM 2782 (588581.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium papyrosolvans; Clostridium papyrosolvans DSM 2782

Clostridium perfringens ATCC 13124 (195103.9)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium perfringens
Clostridium perfringens NCTC 8239 (451757.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium perfringens; Clostridium perfringens NCTC 8239
Clostridium phytofermentans ISDg (357809.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium phytofermentans; Clostridium phytofermentans ISDg
Clostridium saccharolyticum WM1 (610130.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium saccharolyticum; Clostridium saccharolyticum WM1
Clostridium scindens ATCC 35704 (411468.9)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium scindens; Clostridium scindens ATCC 35704
Clostridium sporogenes ATCC 15579 (471871.7)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium sporogenes; Clostridium sporogenes ATCC 15579
Clostridium sticklandii DSM 519 (499177.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium sticklandii; Clostridium sticklandii DSM 519
Clostridium tetani E88 (212717.8)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium tetani; Clostridium tetani E88

Clostridium thermocellum ATCC 27405 (203119.11)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium thermocellum; Clostridium thermocellum ATCC 27405
Clostridium thermocellum DSM 2360 (572545.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium thermocellum; Clostridium thermocellum DSM 2360
Anaerococcus hydrogenalis ACS-025-V-Sch4 (879306.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Anaerococcus; Anaerococcus hydrogenalis; Anaerococcus hydrogenalis ACS-025-V-Sch4
Anaerococcus hydrogenalis DSM 7454 (561177.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Anaerococcus; Anaerococcus hydrogenalis; Anaerococcus hydrogenalis DSM 7454
Anaerococcus lactolyticus ATCC 51172 (525254.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Anaerococcus; Anaerococcus lactolyticus; Anaerococcus lactolyticus ATCC 51172
Anaerococcus prevotii DSM 20548 (525919.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Anaerococcus; Anaerococcus prevotii; Anaerococcus prevotii DSM 20548

Anaerococcus tetradius ATCC 35098 (525255.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Anaerococcus; Anaerococcus tetradius; Anaerococcus tetradius ATCC 35098
Anaerococcus vaginalis ATCC 51170 (655811.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Anaerococcus; Anaerococcus vaginalis; Anaerococcus vaginalis ATCC 51170
Finegoldia magna ATCC 29328 (334413.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Finegoldia; Finegoldia magna; Finegoldia magna ATCC 29328
Finegoldia magna ATCC 53516 (525282.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Finegoldia; Finegoldia magna; Finegoldia magna ATCC 53516
Parvimonas sp. oral taxon 110 str. F0139 (767100.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Parvimonas; Parvimonas sp. oral taxon 110; Parvimonas sp. oral taxon 110 str. F0139
Peptoniphilus duerdenii ATCC BAA-1640 (862517.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Peptoniphilus; Peptoniphilus duerdenii; Peptoniphilus duerdenii ATCC BAA-1640

Peptoniphilus lacrimalis 315-B (596330.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Peptoniphilus; Peptoniphilus lacrimalis; Peptoniphilus lacrimalis 315-B
Peptoniphilus sp. oral taxon 386 str. F0131 (575609.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XI. Incertae Sedis; Peptoniphilus; Peptoniphilus sp. oral taxon 386; Peptoniphilus sp. oral taxon 386 str. F0131
Thermaerobacter marianensis DSM 12885 (644966.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiales incertae sedis; Clostridiales Family XVII. Incertae Sedis; Thermaerobacter; Thermaerobacter marianensis; Thermaerobacter marianensis DSM 12885
Anaerofustis stercorihominis DSM 17244 (445971.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Anaerofustis; Anaerofustis stercorihominis; Anaerofustis stercorihominis DSM 17244
Eubacterium eligens ATCC 27750 (515620.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium eligens; Eubacterium eligens ATCC 27750
Eubacterium hallii DSM 3353 (411469.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium hallii; Eubacterium hallii DSM 3353
Eubacterium limosum KIST612 (903814.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium limosum; Eubacterium limosum KIST612

Eubacterium rectale ATCC 33656 (515619.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium rectale; Eubacterium rectale ATCC 33656
Eubacterium saphenum ATCC 49989 (592031.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium saphenum; Eubacterium saphenum ATCC 49989
Eubacterium siraeum DSM 15702 (428128.7)	Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium siraeum; Eubacterium siraeum DSM 15702
Eubacterium ventriosum ATCC 27560 (411463.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Eubacteriaceae; Eubacterium; Eubacterium ventriosum; Eubacterium ventriosum ATCC 27560
Heliobacterium modesticaldum Ice1 (498761.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Heliobacteriaceae; Heliobacterium; Heliobacterium modesticaldum
Anaerostipes caccae DSM 14662 (411490.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Anaerostipes; Anaerostipes caccae; Anaerostipes caccae DSM 14662
Bryantella formatexigens DSM 14469 (478749.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Bryantella; Bryantella formatexigens; Bryantella formatexigens DSM 14469
Butyrivibrio crossotus DSM 2876 (511680.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Butyrivibrio; Butyrivibrio crossotus; Butyrivibrio crossotus DSM 2876

Butyrivibrio proteoclasticus B316 (515622.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Butyrivibrio; Clostridium proteoclasticum; Butyrivibrio proteoclasticus B316
Catonella morbi ATCC 51271 (592026.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Catonella; Catonella morbi; Catonella morbi ATCC 51271
Clostridium lentocellum DSM 5427 (642492.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Cellulosilyticum; Clostridium lentocellum; Clostridium lentocellum DSM 5427
Coprococcus comes ATCC 27758 (470146.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Coprococcus; Coprococcus comes; Coprococcus comes ATCC 27758
Coprococcus eutactus ATCC 27759 (411474.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Coprococcus; Coprococcus eutactus; Coprococcus eutactus ATCC 27759
Dorea formicigenerans ATCC 27755 (411461.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Dorea; Dorea formicigenerans; Dorea formicigenerans ATCC 27755
Dorea longicatena DSM 13814 (411462.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Dorea; Dorea longicatena; Dorea longicatena DSM 13814
Oribacterium sinus F0268 (585501.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Oribacterium; Oribacterium sinus; Oribacterium sinus F0268

Oribacterium sp. oral taxon 078 str. F0262 (608534.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Oribacterium; Oribacterium sp. oral taxon 078; Oribacterium sp. oral taxon 078 str. F0262
Roseburia intestinalis L1-82 (536231.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Roseburia; Roseburia intestinalis; Roseburia intestinalis L1-82
Roseburia inulinivorans DSM 16841 (622312.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Roseburia; Roseburia inulinivorans; Roseburia inulinivorans DSM 16841
Shuttleworthia satelles DSM 14600 (626523.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Shuttleworthia; Shuttleworthia satelles; Shuttleworthia satelles DSM 14600
Lachnospiraceae bacterium 1_1_57FAA (658081.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; unclassified Lachnospiraceae; Lachnospiraceae bacterium 1_1_57FAA
Carboxydothemus hydrogenoformans Z-2901 (246194.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Carboxydothemus; Carboxydothemus hydrogenoformans; Carboxydothemus hydrogenoformans Z-2901; Carboxydothemus hydrogenoformans Z-2901
Desulfitobacterium hafniense DCB-2 (272564.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Desulfitobacterium; Desulfitobacterium hafniense; Desulfitobacterium hafniense DCB-2

Desulforudis audaxviator MP104C (477974.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Desulforudis; Desulforudis audaxviator; Desulforudis audaxviator MP104C
Desulfotomaculum acetoxidans DSM 771 (485916.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Desulfotomaculum; Desulfotomaculum acetoxidans; Desulfotomaculum acetoxidans DSM 771
Desulfotomaculum reducens MI-1 (349161.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Desulfotomaculum; Desulfotomaculum reducens; Desulfotomaculum reducens MI-1
Desulfotomaculum ruminis DSM 2154 (696281.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Desulfotomaculum; Desulfotomaculum ruminis; Desulfotomaculum ruminis DSM 2154
Pelotomaculum thermopropionicum SI (370438.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Pelotomaculum; Pelotomaculum thermopropionicum
Syntrophobotulus glycolicus DSM 8271 (645991.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Syntrophobotulus; Syntrophobotulus glycolicus; Syntrophobotulus glycolicus DSM 8271
Thermincola sp. JR (635013.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptococcaceae; Thermincola; Thermincola potens; Thermincola sp. JR
Filifactor alocis ATCC 35896 (546269.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptostreptococcaceae; Filifactor; Filifactor alocis; Filifactor alocis ATCC 35896

Peptostreptococcus anaerobius 653-L (596329.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Peptostreptococcaceae; Peptostreptococcus; Peptostreptococcus anaerobius; Peptostreptococcus anaerobius 653-L
Anaerotruncus colihominis DSM 17241 (445972.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Anaerotruncus; Anaerotruncus colihominis; Anaerotruncus colihominis DSM 17241
Ethanoligenens harbinense YUAN-3 (663278.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Ethanoligenens; Ethanoligenens harbinense; Ethanoligenens harbinense YUAN-3
Faecalibacterium prausnitzii A2-165 (411483.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Faecalibacterium; Faecalibacterium prausnitzii; Faecalibacterium prausnitzii A2-165
Ruminococcus albus 8 (246199.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Ruminococcus; Ruminococcus albus; Ruminococcus albus 8
Ruminococcus bromii L2-63 (657321.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Ruminococcus; Ruminococcus bromii; Ruminococcus bromii L2-63
Ruminococcus flavefaciens FD-1 (641112.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Ruminococcus; Ruminococcus flavefaciens; Ruminococcus flavefaciens FD-1

Ruminococcus gnavus ATCC 29149 (411470.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Ruminococcus; Ruminococcus gnavus; Ruminococcus gnavus ATCC 29149
Ruminococcus lactaris ATCC 29176 (471875.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Ruminococcus; Ruminococcus lactaris; Ruminococcus lactaris ATCC 29176
Ruminococcus torques ATCC 27756 (411460.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Ruminococcus; Ruminococcus torques; Ruminococcus torques ATCC 27756
Subdoligranulum variabile DSM 15176 (411471.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; Ruminococcaceae; Subdoligranulum; Subdoligranulum variabile; Subdoligranulum variabile DSM 15176
Dethiobacter alkaliphilus AHT 1 (555088.4)	Bacteria; Firmicutes; Clostridia; Clostridiales; Syntrophomonadaceae; Dethiobacter; Dethiobacter alkaliphilus; Dethiobacter alkaliphilus AHT 1
Syntrophothermus lipocalidus DSM 12680 (643648.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Syntrophomonadaceae; Syntrophothermus; Syntrophothermus lipocalidus; Syntrophothermus lipocalidus DSM 12680
Acidaminococcus fermentans DSM 20731 (591001.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Acidaminococcus; Acidaminococcus fermentans; Acidaminococcus fermentans DSM 20731

Acidaminococcus sp. D21 (563191.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Acidaminococcus; Acidaminococcus sp. D21
Dialister invisus DSM 15470 (592028.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Dialister; Dialister invisus; Dialister invisus DSM 15470
Megasphaera genomosp. type_1 str. 28L (699218.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Megasphaera; Megasphaera genomosp. type_1; Megasphaera genomosp. type_1 str. 28L
Mitsuokella multacida DSM 20544 (500635.8)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Mitsuokella; Mitsuokella multacida; Mitsuokella multacida DSM 20544
Selenomonas flueggei ATCC 43531 (638302.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Selenomonas; Selenomonas flueggei; Selenomonas flueggei ATCC 43531
Selenomonas noxia ATCC 43541 (585503.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Selenomonas; Selenomonas noxia; Selenomonas noxia ATCC 43541
Selenomonas sputigena ATCC 35185 (546271.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Selenomonas; Selenomonas sputigena; Selenomonas sputigena ATCC 35185
Thermosinus carboxydivorans Nor1 (401526.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Thermosinus; Thermosinus carboxydivorans; Thermosinus carboxydivorans Nor1

Veillonella dispar ATCC 17748 (546273.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Veillonella; Veillonella dispar; Veillonella dispar ATCC 17748
Veillonella parvula ATCC 17745 (686660.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Veillonella; Veillonella parvula; Veillonella parvula ATCC 17745
Veillonella parvula DSM 2008 (479436.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; Veillonellaceae; Veillonella; Veillonella parvula; Veillonella parvula DSM 2008
Anaerocellum thermophilum DSM 6725 (521460.8)	Bacteria; Firmicutes; Clostridia; Clostridiales; unclassified Clostridiales; Anaerocellum group; Anaerocellum; Anaerocellum thermophilum; Anaerocellum thermophilum DSM 6725
Blautia hansenii DSM 20583 (537007.6)	Bacteria; Firmicutes; Clostridia; Clostridiales; unclassified Clostridiales; Blautia; Blautia hansenii; Blautia hansenii DSM 20583
Blautia hydrogenotrophica DSM 10507 (476272.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; unclassified Clostridiales; Blautia; Blautia hydrogenotrophica; Blautia hydrogenotrophica DSM 10507
Clostridiales bacterium 1_7_47FAA (457421.5)	Bacteria; Firmicutes; Clostridia; Clostridiales; unclassified Clostridiales; unclassified Clostridiales (miscellaneous); Clostridiales bacterium 1_7_47FAA

Clostridiales genomsp. BVAB3 str. UPII9-5 (699246.3)	Bacteria; Firmicutes; Clostridia; Clostridiales; unclassified Clostridiales; unclassified Clostridiales (miscellaneous); Clostridiales genomsp. BVAB3; Clostridiales genomsp. BVAB3 str. UPII9-5
Halanaerobium praevalens DSM 2228 (572479.3)	Bacteria; Firmicutes; Clostridia; Halanaerobiales; Halanaerobiaceae; Halanaerobium; Halanaerobium praevalens; Halanaerobium praevalens DSM 2228
Halothermothrix orenii H 168 (373903.4)	Bacteria; Firmicutes; Clostridia; Halanaerobiales; Halanaerobiaceae; Halothermothrix; Halothermothrix orenii
Acetohalobium arabaticum DSM 5501 (574087.3)	Bacteria; Firmicutes; Clostridia; Halanaerobiales; Halobacteroidaceae; Acetohalobium; Acetohalobium arabaticum; Acetohalobium arabaticum DSM 5501
Natranaerobius thermophilus JW/NM-WN-LF (457570.7)	Bacteria; Firmicutes; Clostridia; Natranaerobiales; Natranaerobiaceae; Natranaerobius; Natranaerobius thermophilus; Natranaerobius thermophilus JW/NM-WN-LF
Ammonifex degensii KC4 (429009.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteraceae; Moorella group; Ammonifex; Ammonifex degensii; Ammonifex degensii KC4
Thermoanaerobacter brockii subsp. finnij Ako-1 (509193.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteraceae; Thermoanaerobacter; Thermoanaerobacter brockii; Thermoanaerobacter brockii subsp. finnij; Thermoanaerobacter brockii subsp. finnij Ako-1

Thermoanaerobacter ethanolicus CCSD1 (589861.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteraceae; Thermoanaerobacter; Thermoanaerobacter ethanolicus; Thermoanaerobacter ethanolicus CCSD1
Thermoanaerobacter italicus Ab9 (580331.4)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteraceae; Thermoanaerobacter; Thermoanaerobacter italicus; Thermoanaerobacter italicus Ab9
Thermoanaerobacter mathranii subsp. mathranii str. A3 (583358.4)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteraceae; Thermoanaerobacter; Thermoanaerobacter mathranii; Thermoanaerobacter mathranii subsp. mathranii; Thermoanaerobacter mathranii subsp. mathranii str. A3
Caldicellulosiruptor hydrothermalis 108 (632292.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family III. Incertae Sedis; Caldicellulosiruptor; Caldicellulosiruptor hydrothermalis; Caldicellulosiruptor hydrothermalis 108
Caldicellulosiruptor owensensis OL (632518.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family III. Incertae Sedis; Caldicellulosiruptor; Caldicellulosiruptor owensensis; Caldicellulosiruptor owensensis OL
Thermoanaerobacterium thermosaccharolyticum DSM 571 (580327.4)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family III. Incertae Sedis; Thermoanaerobacterium; Thermoanaerobacterium thermosaccharolyticum; Thermoanaerobacterium thermosaccharolyticum DSM 571

Thermoanaerobacterium thermosaccharolyticum DSM 571 (580327.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacterales Family III. Incertae Sedis; Thermoanaerobacterium; Thermoanaerobacterium thermosaccharolyticum; Thermoanaerobacterium thermosaccharolyticum DSM 571
Coprothermobacter proteolyticus DSM 5265 (309798.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermodesulfobiaceae; Coprothermobacter; Coprothermobacter proteolyticus
Moorella thermoacetica ATCC 39073 (264732.9)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteriaceae; Moorella group; Moorella; Moorella thermoacetica; Moorella thermoacetica ATCC 39073; Moorella thermoacetica ATCC 39073
Thermoanaerobacter pseudethanolicus ATCC 33223 (340099.4)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteriaceae; Thermoanaerobacter; Thermoanaerobacter pseudethanolicus; Thermoanaerobacter pseudethanolicus ATCC 33223
Thermoanaerobacter tengcongensis MB4 (273068.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermoanaerobacteriaceae; Thermoanaerobacter; Thermoanaerobacter tengcongensis; Thermoanaerobacter tengcongensis MB4; Thermoanaerobacter tengcongensis MB4
Bulleidia extracta W1219 (679192.3)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; Bulleidia; Bulleidia extracta; Bulleidia extracta W1219

Catenibacterium mitsuokai DSM 15897 (451640.5)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; Catenibacterium; Catenibacterium mitsuokai; Catenibacterium mitsuokai DSM 15897
Coprobacillus sp. 29_1 (469596.3)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; Coprobacillus; Coprobacillus sp. 29_1
Erysipelothrix rhusiopathiae ATCC 19414 (525280.3)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; Erysipelothrix; Erysipelothrix rhusiopathiae; Erysipelothrix rhusiopathiae ATCC 19414
Holdemania filiformis DSM 12042 (545696.5)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; Holdemania; Holdemania filiformis; Holdemania filiformis DSM 12042
Solobacterium moorei F0204 (706433.3)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; Solobacterium; Solobacterium moorei; Solobacterium moorei F0204
Clostridium ramosum DSM 1402 (445974.6)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; unclassified Erysipelotrichaceae; Clostridium ramosum; Clostridium ramosum DSM 1402
Clostridium spiroforme DSM 1552 (428126.7)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; unclassified Erysipelotrichaceae; Clostridium spiroforme; Clostridium spiroforme DSM 1552

Eubacterium bifforme DSM 3989 (518637.5)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; unclassified Erysipelotrichaceae; Eubacterium bifforme; Eubacterium bifforme DSM 3989
Eubacterium dolichum DSM 3991 (428127.7)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; unclassified Erysipelotrichaceae; Eubacterium dolichum; Eubacterium dolichum DSM 3991
Erysipelotrichaceae bacterium 5_2_54FAA (552396.3)	Bacteria; Firmicutes; Erysipelotrichi; Erysipelotrichales; Erysipelotrichaceae; unclassified Erysipelotrichaceae; unclassified Erysipelotrichaceae (miscellaneous); Erysipelotrichaceae bacterium 5_2_54FAA
Lactococcus lactis subsp. cremoris MG1363 (416870.7)	Bacteria; Firmicutes; Lactobacillales; Streptococcaceae; Lactococcus.
Streptococcus gordonii str. Challis substr. CH1 (467705.8)	Bacteria; Firmicutes; Lactobacillales; Streptococcaceae; Streptococcus gordonii str. Challis substr. CH1
Streptococcus thermophilus LMD-9 (322159.7)	Bacteria; Firmicutes; Lactobacillales; Streptococcaceae; Streptococcus.
Aster yellows witches'- broom phytoplasma AYWB (322098.19)	Bacteria; Firmicutes; Mollicutes; Acholeplasmatales; Acholeplasmataceae; Phytoplasma; Phytoplasma asteris; Aster yellows witches'-broom phytoplasma; Aster yellows witches'-broom phytoplasma AYWB
Mesoplasma florum L1 (265311.3)	Bacteria; Firmicutes; Mollicutes; Entomoplasmatales; Entomoplasmataceae; Mesoplasma; Mesoplasma florum; Mesoplasma florum L1; Mesoplasma florum L1

Spiroplasma kunkelii CR2-3x (273035.4)	Bacteria; Firmicutes; Mollicutes; Entomoplasmatales; Spiroplasmataceae; Spiroplasma; Spiroplasma kunkelii; Spiroplasma kunkelii CR2-3x; Spiroplasma kunkelii CR2-3x
Mycoplasma genitalium G-37 (243273.1)	Bacteria; Firmicutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma genitalium; Mycoplasma genitalium G-37; Mycoplasma genitalium G-37
Mycoplasma penetrans HF-2 (272633.1)	Bacteria; Firmicutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma penetrans; Mycoplasma penetrans HF-2; Mycoplasma penetrans HF-2
Mycoplasma pneumoniae M129 (272634.1)	Bacteria; Firmicutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma pneumoniae; Mycoplasma pneumoniae M129; Mycoplasma pneumoniae M129
Megasphaera micronuciformis F0359 (706434.3)	Bacteria; Firmicutes; Negativicutes; Selenomonadales; Veillonellaceae; Megasphaera; Megasphaera micronuciformis; Megasphaera micronuciformis F0359
Fusobacterium gonidiaformans ATCC 25563 (469615.3)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Fusobacterium; Fusobacterium gonidiaformans; Fusobacterium gonidiaformans ATCC 25563
Fusobacterium mortiferum ATCC 9817 (469616.3)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Fusobacterium; Fusobacterium mortiferum; Fusobacterium mortiferum ATCC 9817

Fusobacterium nucleatum subsp. nucleatum ATCC 23726 (525283.3)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Fusobacterium; Fusobacterium nucleatum; Fusobacterium nucleatum subsp. nucleatum; Fusobacterium nucleatum subsp. nucleatum ATCC 23726
Fusobacterium periodonticum ATCC 33693 (546275.3)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Fusobacterium; Fusobacterium periodonticum; Fusobacterium periodonticum ATCC 33693
Fusobacterium sp. D12 (556263.3)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Fusobacterium; Fusobacterium sp. D12
Fusobacterium ulcerans ATCC 49185 (469617.3)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Fusobacterium; Fusobacterium ulcerans; Fusobacterium ulcerans ATCC 49185
Fusobacterium varium ATCC 27725 (469618.3)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Fusobacterium; Fusobacterium varium; Fusobacterium varium ATCC 27725
Ilyobacter polytropus DSM 2926 (572544.3)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Ilyobacter; Ilyobacter polytropus; Ilyobacter polytropus DSM 2926

Leptotrichia buccalis C-1013-b (523794.5)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Leptotrichia; Leptotrichia buccalis; Leptotrichia buccalis C-1013-b
Leptotrichia hofstadii F0254 (634994.3)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Leptotrichia; Leptotrichia hofstadii; Leptotrichia hofstadii F0254
Sebaldella termitidis ATCC 33386 (526218.6)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Sebaldella; Sebaldella termitidis; Sebaldella termitidis ATCC 33386
Streptobacillus moniliformis DSM 12112 (519441.6)	Bacteria; Fusobacteria; Fusobacteria (class); Fusobacteriales; Fusobacteriaceae; Streptobacillus; Streptobacillus moniliformis; Streptobacillus moniliformis DSM 12112
Bacteriovorax marinus SJ (97084.1)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Bdellovibrionales; Bacteriovoracaceae; Bacteriovorax; Bacteriovorax marinus SJ; Bacteriovorax marinus SJ
Hippea maritima DSM 10411 (760142.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfurellales; Desulfurellaceae; Hippea; Hippea maritima; Hippea maritima DSM 10411
Arcobacter butzleri RM4018 (367737.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacteriales; Campylobacteraceae; Arcobacter; Arcobacter butzleri; Arcobacter butzleri RM4018

Arcobacter nitrofigilis DSM 7299 (572480.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Arcobacter; Arcobacter nitrofigilis; Arcobacter nitrofigilis DSM 7299
Campylobacter coli RM2228 (306254.7)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter coli; Campylobacter coli RM2228
Campylobacter concisus 13826 (360104.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter concisus; Campylobacter concisus 13826
Campylobacter curvus 525.92 (360105.6)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter curvus; Campylobacter curvus 525.92
Campylobacter fetus subsp. fetus 82-40 (360106.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter fetus; Campylobacter fetus subsp. fetus; Campylobacter fetus subsp. fetus 82-40; Campylobacter fetus subsp. fetus 82-40
Campylobacter gracilis RM3268 (553220.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter gracilis; Campylobacter gracilis RM3268

<p>Campylobacter hominis ATCC BAA-381 (360107.5)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter hominis; Campylobacter hominis ATCC BAA-381; Campylobacter hominis ATCC BAA-381</p>
<p>Campylobacter jejuni RM1221 (195099.3)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter jejuni; Campylobacter jejuni RM1221; Campylobacter jejuni RM1221</p>
<p>Campylobacter lari RM2100 (306263.5)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter lari; Campylobacter lari RM2100</p>
<p>Campylobacter rectus RM3267 (553218.4)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter rectus; Campylobacter rectus RM3267</p>
<p>Campylobacter showae RM3277 (553219.3)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter showae; Campylobacter showae RM3277</p>
<p>Campylobacter upsaliensis RM3195 (306264.1)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Campylobacter; Campylobacter upsaliensis; Campylobacter upsaliensis RM3195; Campylobacter upsaliensis RM3195</p>

Sulfurospirillum deleyianum DSM 6946 (525898.7)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Campylobacteraceae; Sulfurospirillum; Sulfurospirillum deleyianum; Sulfurospirillum deleyianum DSM 6946
Helicobacter acinonychis str. Sheeba (382638.14)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter acinonychis; Helicobacter acinonychis str. Sheeba
Helicobacter bilis ATCC 43879 (613026.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter bilis; Helicobacter bilis ATCC 43879
Helicobacter canadensis MIT 98-5491 (537970.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter canadensis; Helicobacter canadensis MIT 98-5491
Helicobacter cinaedi CCUG 18818 (537971.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter cinaedi; Helicobacter cinaedi CCUG 18818
Helicobacter hepaticus ATCC 51449 (235279.1)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter hepaticus; Helicobacter hepaticus ATCC 51449; Helicobacter hepaticus ATCC 51449

Helicobacter mustelae 12198 (679897.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter mustelae; Helicobacter mustelae 12198
Helicobacter pullorum MIT 98-5489 (537972.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter pullorum; Helicobacter pullorum MIT 98-5489
Helicobacter pylori 26695 (85962.1)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter pylori; Helicobacter pylori 26695; Helicobacter pylori 26695
Helicobacter pylori HPAG1 (357544.13)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter pylori; Helicobacter pylori HPAG1
Helicobacter pylori J99 (85963.1)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter pylori; Helicobacter pylori J99; Helicobacter pylori J99
Helicobacter winghamensis ATCC BAA-430 (556267.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter winghamensis; Helicobacter winghamensis ATCC BAA-430

Sulfuricurvum kujiense DSM 16994 (709032.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Sulfuricurvum; Sulfuricurvum kujiense; Sulfuricurvum kujiense DSM 16994
Sulfurimonas denitrificans DSM 1251 (326298.7)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Sulfurimonas; Sulfurimonas denitrificans; Sulfurimonas denitrificans DSM 1251
Thiomicrospira denitrificans ATCC 33889 (326298.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Sulfurimonas; Sulfurimonas denitrificans; Thiomicrospira denitrificans ATCC 33889; Thiomicrospira denitrificans ATCC 33889
Wolinella succinogenes DSM 1740 (273121.1)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Wolinella; Wolinella succinogenes; Wolinella succinogenes DSM 1740; Wolinella succinogenes DSM 1740
Campylobacterales bacterium GD 1 (439483.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Campylobacterales; unclassified Campylobacterales; Campylobacterales bacterium GD 1
Caminibacter mediatlanticus TB-2 (391592.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Nautiliales; Nautiliaceae; Caminibacter; Caminibacter mediatlanticus; Caminibacter mediatlanticus TB-2

<p><i>Nautilia profundicola</i> AmH (598659.3)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; Nautiliales; Nautiliaceae; Nautilia; <i>Nautilia profundicola</i>; <i>Nautilia profundicola</i> AmH</p>
<p><i>Nitratifractor salsuginis</i> DSM 16511 (749222.3)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; unclassified Epsilonproteobacteria; <i>Nitratifractor</i>; <i>Nitratifractor salsuginis</i>; <i>Nitratifractor</i> <i>salsuginis</i> DSM 16511</p>
<p><i>Nitratiruptor</i> sp. SB155- 2 (387092.5)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; unclassified Epsilonproteobacteria; <i>Nitratiruptor</i></p>
<p><i>Sulfurovum</i> sp. NBC37- 1 (387093.4)</p>	<p>Bacteria; Proteobacteria; delta/epsilon subdivisions; Epsilonproteobacteria; unclassified Epsilonproteobacteria; <i>Sulfurovum</i>; <i>Sulfurovum</i> sp. NBC37-1; <i>Sulfurovum</i> sp. NBC37-1</p>
<p><i>Brachyspira</i> <i>hyodysenteriae</i> WA1 (565034.3)</p>	<p>Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Brachyspiraceae; <i>Brachyspira</i>; <i>Brachyspira</i> <i>hyodysenteriae</i>; <i>Brachyspira hyodysenteriae</i> WA1</p>
<p><i>Brachyspira murdochii</i> DSM 12563 (526224.6)</p>	<p>Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Brachyspiraceae; <i>Brachyspira</i>; <i>Brachyspira</i> <i>murdochii</i>; <i>Brachyspira murdochii</i> DSM 12563</p>

Aminobacterium colombiense DSM 12261 (572547.3)	Bacteria; Synergistetes; Synergistia; Synergistales; Synergistaceae; Aminobacterium; Aminobacterium colombiense; Aminobacterium colombiense DSM 12261
Aminomonas paucivorans DSM 12260 (584708.3)	Bacteria; Synergistetes; Synergistia; Synergistales; Synergistaceae; Aminomonas; Aminomonas paucivorans; Aminomonas paucivorans DSM 12260
Anaerobaculum hydrogeniformans ATCC BAA-1850 (592015.5)	Bacteria; Synergistetes; Synergistia; Synergistales; Synergistaceae; Anaerobaculum; Anaerobaculum hydrogeniformans; Anaerobaculum hydrogeniformans ATCC BAA-1850
Jonquetella anthropi E3_33 E1 (645512.3)	Bacteria; Synergistetes; Synergistia; Synergistales; Synergistaceae; Jonquetella; Jonquetella anthropi; Jonquetella anthropi E3_33 E1
Pyramidobacter piscolens W5455 (352165.3)	Bacteria; Synergistetes; Synergistia; Synergistales; Synergistaceae; Pyramidobacter; Pyramidobacter piscolens; Pyramidobacter piscolens W5455
Thermanaerovibrio acidaminovorans DSM 6589 (525903.6)	Bacteria; Synergistetes; Synergistia; Synergistales; Synergistaceae; Thermanaerovibrio; Thermanaerovibrio acidaminovorans; Thermanaerovibrio acidaminovorans DSM 6589
Caldicellulosiruptor saccharolyticus DSM 8903 (351627.4)	Bacteria; Synergistetes; Syntrophomonadaceae; Caldicellulosiruptor; Caldicellulosiruptor saccharolyticus; Caldicellulosiruptor saccharolyticus DSM 8903

Syntrophomonas wolfei subsp. wolfei str. Goettingen (335541.4)	Bacteria; Synergistetes; Syntrophomonadaceae; Syntrophomonas; Syntrophomonas wolfei; Syntrophomonas wolfei subsp. wolfei; Syntrophomonas wolfei subsp. wolfei str. Goettingen
Dethiosulfovibrio peptidovorans DSM 11002 (469381.4)	Bacteria; Synergistetes; [Clostridiales] Family XV. Incertae Sedis; Dethiosulfovibrio; Dethiosulfovibrio peptidovorans; Dethiosulfovibrio peptidovorans DSM 11002
Acholeplasma laidlawii PG-8A (441768.4)	Bacteria; Tenericutes; Mollicutes; Acholeplasmatales; Acholeplasmataceae; Acholeplasma; Acholeplasma laidlawii
Phytoplasma mali (37692.4)	Bacteria; Tenericutes; Mollicutes; Acholeplasmatales; Acholeplasmataceae; Phytoplasma; 16SrX (Apple proliferation group); Phytoplasma mali
Phytoplasma australiense (59748.8)	Bacteria; Tenericutes; Mollicutes; Acholeplasmatales; Acholeplasmataceae; Phytoplasma; 16SrXII (Stolbur group); Phytoplasma australiense
Onion yellows phytoplasma OY-M (262768.5)	Bacteria; Tenericutes; Mollicutes; Acholeplasmatales; Acholeplasmataceae; Phytoplasma; Phytoplasma asteris; Onion yellows phytoplasma; Onion yellows phytoplasma OY-M
Mycoplasma gallisepticum R (233150.7)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma gallisepticum; Mycoplasma gallisepticum R

Mycoplasma mycoides subsp. capri str. GM12 (436113.4)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma mycoides group; Mycoplasma mycoides; Mycoplasma mycoides subsp. capri; Mycoplasma mycoides subsp. capri LC; Mycoplasma mycoides subsp. capri str. GM12
Ureaplasma parvum serovar 1 str. ATCC 27813 (515608.4)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Ureaplasma; Ureaplasma parvum; Ureaplasma parvum serovar 1; Ureaplasma parvum serovar 1 str. ATCC 27813
Ureaplasma parvum serovar 3 str. ATCC 700970 (273119.6)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Ureaplasma; Ureaplasma parvum; Ureaplasma parvum serovar 3; Ureaplasma parvum serovar 3 str. ATCC 700970
Ureaplasma urealyticum serovar 2 str. ATCC 27814 (626096.3)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Ureaplasma; Ureaplasma urealyticum; Ureaplasma urealyticum serovar 2; Ureaplasma urealyticum serovar 2 str. ATCC 27814
Ureaplasma urealyticum serovar 9 str. ATCC 33175 (550773.4)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Ureaplasma; Ureaplasma urealyticum; Ureaplasma urealyticum serovar 9; Ureaplasma urealyticum serovar 9 str. ATCC 33175
Mollicutes bacterium D7 (556270.3)	Bacteria; Tenericutes; Mollicutes; unclassified Mollicutes; Mollicutes bacterium D7
Thermobaculum terrenum ATCC BAA-798 (525904.6)	Bacteria; unclassified Bacteria; Thermobaculum; Thermobaculum terrenum; Thermobaculum terrenum ATCC BAA-798

bacterium (653733.3)	S5	Bacteria; unclassified Bacteria; unclassified Bacteria (miscellaneous); bacterium S5
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(G) These organisms contain RNase E and RNase J.

Organism		Taxonomy
Acidimicrobium ferrooxidans 10331 (525909.11)	DSM	Bacteria; Actinobacteria; Actinobacteria (class); Acidimicrobidae; Acidimicrobiales; Acidimicrobineae; Acidimicrobiaceae; Acidimicrobium; Acidimicrobium ferrooxidans; Acidimicrobium ferrooxidans DSM 10331
Actinomyces coleocanis 15436 (525245.3)	DSM	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Actinomycineae; Actinomycetaceae; Actinomyces; Actinomyces coleocanis; Actinomyces coleocanis DSM 15436
Actinomyces odontolyticus 17982 (411466.7)	ATCC	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Actinomycineae; Actinomycetaceae; Actinomyces; Actinomyces odontolyticus; Actinomyces odontolyticus ATCC 17982
Actinomyces sp. oral taxon 848 str. F0332 (649743.3)		Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Actinomycineae; Actinomycetaceae; Actinomyces; Actinomyces sp. oral taxon 848; Actinomyces sp. oral taxon 848 str. F0332
Actinomyces urogenitalis 15434 (525246.3)	DSM	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Actinomycineae; Actinomycetaceae; Actinomyces; Actinomyces urogenitalis; Actinomyces urogenitalis DSM 15434

Actinomyces viscosus C505 (562973.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Actinomycineae; Actinomycetaceae; Actinomyces; Actinomyces viscosus; Actinomyces viscosus C505
Arcanobacterium haemolyticum DSM 20595 (644284.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Actinomycineae; Actinomycetaceae; Arcanobacterium; Arcanobacterium haemolyticum; Arcanobacterium haemolyticum DSM 20595
Mobiluncus curtisii ATCC 43063 (548479.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Actinomycineae; Actinomycetaceae; Mobiluncus/Falcivibrio group; Mobiluncus; Mobiluncus curtisii; Mobiluncus curtisii ATCC 43063
Mobiluncus mulieris ATCC 35239 (871571.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Actinomycineae; Actinomycetaceae; Mobiluncus/Falcivibrio group; Mobiluncus; Mobiluncus mulieris; Mobiluncus mulieris ATCC 35239
Mobiluncus mulieris ATCC 35243 (585199.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Actinomycineae; Actinomycetaceae; Mobiluncus/Falcivibrio group; Mobiluncus; Mobiluncus mulieris; Mobiluncus mulieris ATCC 35243
Corynebacterium accolens ATCC 49725 (525260.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium accolens; Corynebacterium accolens ATCC 49725

Corynebacterium ammoniagenes DSM 20306 (649754.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium ammoniagenes; Corynebacterium ammoniagenes DSM 20306
Corynebacterium amycolatum SK46 (553204.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium amycolatum; Corynebacterium amycolatum SK46
Corynebacterium aurimucosum ATCC 700975 (548476.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium aurimucosum; Corynebacterium aurimucosum ATCC 700975
Corynebacterium diphtheriae NCTC 13129 (257309.1)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium diphtheriae; Corynebacterium diphtheriae NCTC 13129; Corynebacterium diphtheriae NCTC 13129
Corynebacterium efficiens YS-314 (196164.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium efficiens; Corynebacterium efficiens YS-314
Corynebacterium glucuronolyticum ATCC 51866 (548478.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium glucuronolyticum; Corynebacterium glucuronolyticum ATCC 51866

Corynebacterium glutamicum ATCC 13032 (196627.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium glutamicum; Corynebacterium glutamicum ATCC 13032; Corynebacterium glutamicum ATCC 13032
Corynebacterium jeikeium ATCC 43734 (525262.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium jeikeium; Corynebacterium jeikeium ATCC 43734
Corynebacterium kroppenstedtii DSM 44385 (645127.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium kroppenstedtii; Corynebacterium kroppenstedtii DSM 44385
Corynebacterium matruchotii ATCC 14266 (553207.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium matruchotii; Corynebacterium matruchotii ATCC 14266
Corynebacterium nuruki S6-4 (863239.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium nuruki; Corynebacterium nuruki S6-4
Corynebacterium pseudogenitalium ATCC 33035 (525264.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium pseudogenitalium; Corynebacterium pseudogenitalium ATCC 33035

Corynebacterium pseudotuberculosis 1002 (679896.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium pseudotuberculosis; Corynebacterium pseudotuberculosis 1002
Corynebacterium resistens DSM 45100 (662755.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium resistens; Corynebacterium resistens DSM 45100
Corynebacterium striatum ATCC 6940 (525268.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium striatum; Corynebacterium striatum ATCC 6940
Corynebacterium tuberculostearicum SK141 (553206.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium tuberculostearicum; Corynebacterium tuberculostearicum SK141
Corynebacterium ulcerans 809 (945711.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium ulcerans; Corynebacterium ulcerans 809
Corynebacterium urealyticum DSM 7109 (504474.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium urealyticum

Corynebacterium variabile DSM 44702 (858619.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Corynebacteriaceae; Corynebacterium; Corynebacterium variabile; Corynebacterium variabile DSM 44702
Gordonia bronchialis DSM 43247 (526226.8)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Gordoniaceae; Gordonia; Gordonia bronchialis; Gordonia bronchialis DSM 43247
Gordonia neofelifaecis NRRL B-59395 (644548.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Gordoniaceae; Gordonia; Gordonia neofelifaecis; Gordonia neofelifaecis NRRL B-59395
Amycolicococcus subflavus DQS3-9A1 (443218.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Amycolicococcus; Amycolicococcus subflavus; Amycolicococcus subflavus DQS3-9A1
Mycobacterium avium subsp. avium ATCC 25291 (553481.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium avium complex (MAC); Mycobacterium avium; Mycobacterium avium subsp. avium; Mycobacterium avium subsp. avium ATCC 25291
Mycobacterium abscessus (36809.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium chelonae group; Mycobacterium abscessus subgroup; Mycobacterium abscessus

Mycobacterium gilvum PYR-GCK (350054.11)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium gilvum; Mycobacterium gilvum PYR-GCK
Mycobacterium kansasii ATCC 12478 (557599.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium kansasii; Mycobacterium kansasii ATCC 12478
Mycobacterium leprae Br4923 (561304.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium leprae; Mycobacterium leprae Br4923
Mycobacterium marinum M (216594.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium marinum; Mycobacterium marinum M
Mycobacterium parascrofulaceum ATCC BAA-614 (525368.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium parascrofulaceum; Mycobacterium parascrofulaceum ATCC BAA-614
Mycobacterium smegmatis str. MC2 155 (246196.1)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium smegmatis; Mycobacterium smegmatis str. MC2 155; Mycobacterium smegmatis str. MC2 155

<p>Mycobacterium bovis BCG str. ATCC 35733 (Mycobacterium bovis BCG (998090.3))</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium tuberculosis complex; Mycobacterium bovis; Mycobacterium bovis BCG; Mycobacterium bovis BCG str. ATCC 35733 (Mycobacterium bovis BCG</p>
<p>Mycobacterium bovis BCG str. Pasteur 1173P2 (410289.13)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium tuberculosis complex; Mycobacterium bovis; Mycobacterium bovis BCG; Mycobacterium bovis BCG str. Pasteur 1173P2; Mycobacterium bovis BCG str. Pasteur 1173P2</p>
<p>Mycobacterium microti OV254 (1806.1)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium tuberculosis complex; Mycobacterium microti OV254; Mycobacterium microti OV254</p>
<p>Mycobacterium tuberculosis CDC1551 (83331.22)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium tuberculosis complex; Mycobacterium tuberculosis; Mycobacterium tuberculosis CDC1551</p>

Mycobacterium tuberculosis H37Rv (83332.1)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium tuberculosis complex; Mycobacterium tuberculosis; Mycobacterium tuberculosis H37Rv; Mycobacterium tuberculosis H37Rv
Mycobacterium vanbaalenii PYR-1 (350058.8)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium vanbaalenii; Mycobacterium vanbaalenii PYR-1
Nocardia farcinica IFM 10152 (247156.1)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Nocardiaceae; Nocardia; Nocardia farcinica; Nocardia farcinica IFM 10152; Nocardia farcinica IFM 10152
Rhodococcus equi 103S (685727.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Nocardiaceae; Rhodococcus; Rhodococcus equi; Rhodococcus equi 103S
Rhodococcus erythropolis SK121 (596309.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Nocardiaceae; Rhodococcus; Rhodococcus erythropolis; Rhodococcus erythropolis SK121
Rhodococcus jostii RHA1 (101510.15)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Nocardiaceae; Rhodococcus; Rhodococcus jostii

Rhodococcus opacus B4 (632772.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Nocardiaceae; Rhodococcus; Rhodococcus opacus; Rhodococcus opacus B4
Segniliparus rotundus DSM 44985 (640132.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Segniliparaceae; Segniliparus; Segniliparus rotundus; Segniliparus rotundus DSM 44985
Segniliparus rugosus ATCC BAA-974 (679197.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Segniliparaceae; Segniliparus; Segniliparus rugosus; Segniliparus rugosus ATCC BAA-974
Tsukamurella paurometabola DSM 20162 (521096.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Corynebacterineae; Tsukamurellaceae; Tsukamurella; Tsukamurella paurometabola; Tsukamurella paurometabola DSM 20162
Geodermatophilus obscurus DSM 43160 (526225.7)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Frankineae; Geodermatophilaceae; Geodermatophilus; Geodermatophilus obscurus; Geodermatophilus obscurus DSM 43160
Kineococcus radiotolerans SRS30216 (266940.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Frankineae; Kineosporiaceae; Kineococcus; Kineococcus radiotolerans; Kineococcus radiotolerans SRS30216

Stackebrandtia nassauensis DSM 44728 (446470.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Glycomycineae; Glycomycetaceae; Stackebrandtia; Stackebrandtia nassauensis; Stackebrandtia nassauensis DSM 44728
Beutenbergia cavernae DSM 12333 (471853.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Beutenbergiaceae; Beutenbergia; Beutenbergia cavernae; Beutenbergia cavernae DSM 12333
Brevibacterium linens BL2 (321955.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Brevibacteriaceae; Brevibacterium; Brevibacterium linens; Brevibacterium linens BL2; Brevibacterium linens BL2
Brevibacterium mcbrellneri ATCC 49030 (585530.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Brevibacteriaceae; Brevibacterium; Brevibacterium mcbrellneri; Brevibacterium mcbrellneri ATCC 49030
Tropheryma whipplei TW08/27 (218496.1)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Cellulomonadaceae; Tropheryma; Tropheryma whipplei; Tropheryma whipplei TW08/27; Tropheryma whipplei TW08/27
Tropheryma whipplei str. Twist (203267.1)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Cellulomonadaceae; Tropheryma; Tropheryma whipplei; Tropheryma whipplei str. Twist; Tropheryma whipplei str. Twist

Brachybacterium faecium DSM 4810 (446465.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Dermabacteraceae; Brachybacterium; Brachybacterium faecium; Brachybacterium faecium DSM 4810
Kytococcus sedentarius DSM 20547 (478801.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Dermacoccaceae; Kytococcus; Kytococcus sedentarius; Kytococcus sedentarius DSM 20547
Intrasporangium calvum DSM 43043 (710696.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Intrasporangiaceae; Intrasporangium; Intrasporangium calvum; Intrasporangium calvum DSM 43043
Janibacter sp. HTCC2649 (313589.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Intrasporangiaceae; Janibacter; Janibacter sp. HTCC2649
Clavibacter michiganensis subsp. michiganensis NCPPB 382 (443906.9)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Microbacteriaceae; Clavibacter; Clavibacter michiganensis; Clavibacter michiganensis subsp. michiganensis; Clavibacter michiganensis subsp. michiganensis NCPPB 382
Leifsonia xyli subsp. xyli str. CTCB07 (281090.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Microbacteriaceae; Leifsonia; Leifsonia xyli; Leifsonia xyli subsp. xyli; Leifsonia xyli subsp. xyli str. CTCB07; Leifsonia xyli subsp. xyli str. CTCB07

Microbacterium testaceum StLB037 (979556.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Microbacteriaceae; Microbacterium; Microbacterium testaceum; Microbacterium testaceum StLB037
Arthrobacter arilaitensis Re117 (861360.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Micrococcaceae; Arthrobacter; Arthrobacter arilaitensis; Arthrobacter arilaitensis Re117
Arthrobacter chlorophenolicus A6 (452863.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Micrococcaceae; Arthrobacter; Arthrobacter chlorophenolicus; Arthrobacter chlorophenolicus A6
Arthrobacter phenanthrenivorans Sphe3 (930171.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Micrococcaceae; Arthrobacter; Arthrobacter phenanthrenivorans; Arthrobacter phenanthrenivorans Sphe3
Kocuria rhizophila DC2201 (378753.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Micrococcaceae; Kocuria; Kocuria rhizophila
Micrococcus luteus NCTC 2665 (465515.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Micrococcaceae; Micrococcus; Micrococcus luteus; Micrococcus luteus NCTC 2665

Renibacterium salmoninarum ATCC 33209 (288705.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Micrococcaceae; Renibacterium; Renibacterium salmoninarum
Rothia dentocariosa ATCC 17931 (762948.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Micrococcaceae; Rothia; Rothia dentocariosa; Rothia dentocariosa ATCC 17931
Rothia mucilaginosa ATCC 25296 (553201.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Micrococcaceae; Rothia; Rothia mucilaginosa; Rothia mucilaginosa ATCC 25296
Xylanimonas cellulositytica DSM 15894 (446471.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Micrococcineae; Promicromonosporaceae; Xylanimonas; Xylanimonas cellulositytica; Xylanimonas cellulositytica DSM 15894
Nocardioides sp. JS614 (196162.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Propionibacterineae; Nocardioidaceae; Nocardioides; Nocardioides sp. JS614
Actinosynnema mirum DSM 43827 (446462.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Pseudonocardineae; Actinosynnemataceae; Actinosynnema; Actinosynnema mirum; Actinosynnema mirum DSM 43827

<p>Amycolatopsis mediterranei U32 (749927.5)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Pseudonocardineae; Pseudonocardiaceae; Amycolatopsis; Amycolatopsis mediterranei; Amycolatopsis mediterranei U32</p>
<p>Pseudonocardia dioxanivorans CB1190 (675635.11)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Pseudonocardineae; Pseudonocardiaceae; Pseudonocardia; Pseudonocardia dioxanivorans; Pseudonocardia dioxanivorans CB1190</p>
<p>Saccharomonospora viridis DSM 43017 (471857.5)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Pseudonocardineae; Pseudonocardiaceae; Saccharomonospora; Saccharomonospora viridis; Saccharomonospora viridis DSM 43017</p>
<p>Streptomyces avermitilis MA-4680 (227882.1)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces avermitilis; Streptomyces avermitilis MA-4680; Streptomyces avermitilis MA-4680</p>
<p>Streptomyces bingchenggensis BCW-1 (749414.3)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces bingchenggensis; Streptomyces bingchenggensis BCW-1</p>
<p>Streptomyces clavuligerus ATCC 27064 (443255.8)</p>	<p>Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces clavuligerus; Streptomyces clavuligerus ATCC 27064</p>

Streptomyces clavuligerus ATCC 27064 (443255.19)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces clavuligerus; Streptomyces clavuligerus ATCC 27064
Streptomyces coelicolor A3(2) (100226.1)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces coelicolor; Streptomyces coelicolor A3(2); Streptomyces coelicolor A3(2)
Streptomyces flavogriseus ATCC 33331 (591167.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces flavogriseus; Streptomyces flavogriseus ATCC 33331
Streptomyces ghanaensis ATCC 14672 (566461.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces ghanaensis; Streptomyces ghanaensis ATCC 14672
Streptomyces griseoflavus Tu4000 (467200.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces griseoflavus; Streptomyces griseoflavus Tu4000
Streptomyces griseus subsp. griseus NBRC 13350 (455632.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces griseus group; Streptomyces griseus; Streptomyces griseus subsp. griseus

Streptomyces hygroscopicus ATCC 53653 (457427.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces hygroscopicus; Streptomyces hygroscopicus ATCC 53653
Streptomyces lividans TK24 (457428.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces lividans; Streptomyces lividans TK24
Streptomyces scabiei 87.22 (680198.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces scabiei; Streptomyces scabiei 87.22
Streptomyces viridochromogenes DSM 40736 (591159.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces viridochromogenes; Streptomyces viridochromogenes DSM 40736
Nocardiopsis dassonvillei subsp. dassonvillei DSM 43111 (446468.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptosporangineae; Nocardiopsaceae; Nocardiopsis; Nocardiopsis dassonvillei; Nocardiopsis dassonvillei subsp. dassonvillei; Nocardiopsis dassonvillei subsp. dassonvillei DSM 43111
Bifidobacterium adolescentis ATCC 15703 (367928.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium adolescentis

Bifidobacterium angulatum DSM 20098 (518635.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium angulatum; Bifidobacterium angulatum DSM 20098
Bifidobacterium animalis subsp. lactis AD011 (442563.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium animalis; Bifidobacterium animalis subsp. lactis
Bifidobacterium bifidum NCIMB 41171 (398513.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium bifidum; Bifidobacterium bifidum NCIMB 41171
Bifidobacterium breve DSM 20213 (518634.5)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium breve; Bifidobacterium breve DSM 20213
Bifidobacterium catenulatum DSM 16992 (566552.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium catenulatum; Bifidobacterium catenulatum DSM 16992
Bifidobacterium dentium ATCC 27678 (473819.7)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium dentium; Bifidobacterium dentium ATCC 27678

Bifidobacterium dentium Bd1 (401473.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium dentium; Bifidobacterium dentium Bd1
Bifidobacterium gallicum DSM 20093 (561180.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium gallicum; Bifidobacterium gallicum DSM 20093
Bifidobacterium longum NCC2705 (206672.9)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium longum; Bifidobacterium longum NCC2705
Bifidobacterium longum subsp. infantis ATCC 15697 (391904.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium longum; Bifidobacterium longum subsp. infantis
Bifidobacterium longum subsp. longum JDM301 (759350.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium longum; Bifidobacterium longum subsp. longum; Bifidobacterium longum subsp. longum JDM301
Bifidobacterium pseudocatenulatum DSM 20438 (547043.6)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium pseudocatenulatum; Bifidobacterium pseudocatenulatum DSM 20438

Bifidobacterium sp. 12_1_47BFAA (469594.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium; Bifidobacterium sp. 12_1_47BFAA
Gardnerella vaginalis 409-05 (553190.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Gardnerella; Gardnerella vaginalis; Gardnerella vaginalis 409-05
Gardnerella vaginalis ATCC 14019 (525284.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Gardnerella; Gardnerella vaginalis; Gardnerella vaginalis ATCC 14019
Parascardovia denticolens DSM 10105 (864564.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Parascardovia; Parascardovia denticolens; Parascardovia denticolens DSM 10105
Scardovia inopinata F0304 (641146.3)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Bifidobacteriales; Bifidobacteriaceae; Scardovia; Scardovia inopinata; Scardovia inopinata F0304
marine actinobacterium PHSC20C1 (312284.4)	Bacteria; Actinobacteria; Actinobacteria (class); unclassified Actinobacteria; unclassified Actinobacteria (miscellaneous); marine actinobacterium PHSC20C1

Saccharopolyspora erythraea NRRL 2338 (405948.6)	Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales; Pseudonocardineae; Pseudonocardiaceae; Saccharopolyspora.
Cyanobium sp. PCC 7001 (180281.4)	Bacteria; Cyanobacteria; Chroococcales; Cyanobium; Cyanobium sp. PCC 7001
Cyanothece sp. ATCC 51142 (43989.3)	Bacteria; Cyanobacteria; Chroococcales; Cyanothece; Cyanothece sp. ATCC 51142
Cyanothece sp. PCC 7822 (497965.5)	Bacteria; Cyanobacteria; Chroococcales; Cyanothece; Cyanothece sp. PCC 7822
Microcystis aeruginosa NIES-843 (449447.3)	Bacteria; Cyanobacteria; Chroococcales; Microcystis; Microcystis aeruginosa
Synechococcus sp. WH 7803 (32051.4)	Bacteria; Cyanobacteria; Chroococcales; Synechococcus
Synechococcus elongatus PCC 6301 (269084.3)	Bacteria; Cyanobacteria; Chroococcales; Synechococcus; Synechococcus elongatus; Synechococcus elongatus PCC 6301; Synechococcus elongatus PCC 6301
Synechococcus elongatus PCC 7942 (1140.3)	Bacteria; Cyanobacteria; Chroococcales; Synechococcus; Synechococcus elongatus; Synechococcus elongatus PCC 7942; Synechococcus elongatus PCC 7942
Synechococcus sp. CC9902 (316279.3)	Bacteria; Cyanobacteria; Chroococcales; Synechococcus; Synechococcus sp. CC9902; Synechococcus sp. CC9902
Synechococcus sp. PCC 7002 (32049.15)	Bacteria; Cyanobacteria; Chroococcales; Synechococcus; Synechococcus sp. PCC 7002

Synechocystis sp. PCC 6803 (1148.1)	Bacteria; Cyanobacteria; Chroococcales; Synechocystis; Synechocystis sp. PCC 6803; Synechocystis sp. PCC 6803
Thermosynechococcus elongatus BP-1 (197221.1)	Bacteria; Cyanobacteria; Chroococcales; Thermosynechococcus; Thermosynechococcus elongatus; Thermosynechococcus elongatus BP-1; Thermosynechococcus elongatus BP-1
cyanobacterium UCYN-A (713887.3)	Bacteria; Cyanobacteria; Chroococcales; unclassified Chroococcales; cyanobacterium UCYN-A
Gloeobacter violaceus PCC 7421 (251221.1)	Bacteria; Cyanobacteria; Gloeobacteria; Gloeobacterales; Gloeobacter; Gloeobacter violaceus; Gloeobacter violaceus PCC 7421; Gloeobacter violaceus PCC 7421
Anabaena variabilis ATCC 29413 (240292.6)	Bacteria; Cyanobacteria; Nostocales; Nostocaceae; Anabaena; Anabaena variabilis; Anabaena variabilis ATCC 29413
Nodularia spumigena CCY9414 (313624.3)	Bacteria; Cyanobacteria; Nostocales; Nostocaceae; Nodularia; Nodularia spumigena; Nodularia spumigena CCY9414
Nostoc punctiforme PCC 73102 (63737.4)	Bacteria; Cyanobacteria; Nostocales; Nostocaceae; Nostoc; Nostoc punctiforme; Nostoc punctiforme PCC 73102
Nostoc sp. PCC 7120 (103690.1)	Bacteria; Cyanobacteria; Nostocales; Nostocaceae; Nostoc; Nostoc sp. PCC 7120; Nostoc sp. PCC 7120

Raphidiopsis brookii D9 (533247.5)	Bacteria; Cyanobacteria; Nostocales; Nostocaceae; Raphidiopsis; Raphidiopsis brookii; Raphidiopsis brookii D9
Trichormus azollae 0708 (551115.6)	Bacteria; Cyanobacteria; Nostocales; Nostocaceae; Trichormus; Trichormus azollae; Trichormus azollae 0708.
Arthrospira maxima CS-328 (513049.3)	Bacteria; Cyanobacteria; Oscillatoriales; Arthrospira; Arthrospira maxima; Arthrospira maxima CS-328
Arthrospira platensis NIES-39 (696747.3)	Bacteria; Cyanobacteria; Oscillatoriales; Arthrospira; Arthrospira platensis; Arthrospira platensis NIES-39
Arthrospira sp. PCC 8005 (376219.3)	Bacteria; Cyanobacteria; Oscillatoriales; Arthrospira; Arthrospira sp. PCC 8005
Lyngbya sp. PCC 8106 (313612.3)	Bacteria; Cyanobacteria; Oscillatoriales; Lyngbya; Lyngbya sp. PCC 8106
Microcoleus chthonoplastes PCC 7420 (118168.3)	Bacteria; Cyanobacteria; Oscillatoriales; Microcoleus; Microcoleus chthonoplastes; Microcoleus chthonoplastes PCC 7420
Microcoleus vaginatus FGP-2 (756067.3)	Bacteria; Cyanobacteria; Oscillatoriales; Microcoleus; Microcoleus vaginatus; Microcoleus vaginatus FGP-2
Trichodesmium erythraeum IMS101 (203124.6)	Bacteria; Cyanobacteria; Oscillatoriales; Trichodesmium; Trichodesmium erythraeum; Trichodesmium erythraeum IMS101

Prochlorococcus marinus str. NATL1A (167555.5)	Bacteria; Cyanobacteria; Prochlorales; Prochlorococcaceae; Prochlorococcus; Prochlorococcus marinus
Prochlorococcus marinus str. MIT 9515 (167542.6)	Bacteria; Cyanobacteria; Prochlorales; Prochlorococcaceae; Prochlorococcus; Prochlorococcus marinus
Prochlorococcus marinus str. AS9601 (146891.7)	Bacteria; Cyanobacteria; Prochlorales; Prochlorococcaceae; Prochlorococcus; Prochlorococcus marinus
Prochlorococcus marinus subsp. pastoris str. CCMP1986 (59919.1)	Bacteria; Cyanobacteria; Prochlorales; Prochlorococcaceae; Prochlorococcus; Prochlorococcus marinus; Prochlorococcus marinus subsp. pastoris; Prochlorococcus marinus subsp. pastoris str. CCMP1986; Prochlorococcus marinus subsp. pastoris str. CCMP1986
Acaryochloris marina MBIC11017 (329726.14)	Bacteria; Cyanobacteria; unclassified Cyanobacteria; Acaryochloris; Acaryochloris marina; Acaryochloris marina MBIC11017
Asticcacaulis excentricus CB 48 (573065.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Asticcacaulis; Asticcacaulis excentricus; Asticcacaulis excentricus CB 48
Brevundimonas sp. BAL3 (391600.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Brevundimonas; Brevundimonas sp. BAL3

Brevundimonas subvibrioides ATCC 15264 (633149.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Brevundimonas; Brevundimonas subvibrioides; Brevundimonas subvibrioides ATCC 15264
Caulobacter segnis ATCC 21756 (509190.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Caulobacter; Caulobacter segnis; Caulobacter segnis ATCC 21756
Caulobacter crescentus CB15 (190650.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Caulobacter; Caulobacter vibrioides; Caulobacter crescentus CB15; Caulobacter crescentus CB15
Caulobacter crescentus NA1000 (565050.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Caulobacter; Caulobacter vibrioides; Caulobacter crescentus CB15; Caulobacter crescentus NA1000
Phenylobacterium zucineum HLK1 (450851.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Phenylobacterium; Phenylobacterium zucineum; Phenylobacterium zucineum HLK1
Parvularcula bermudensis HTCC2503 (314260.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Parvularculales; Parvularculaceae; Parvularcula; Parvularcula bermudensis; Parvularcula bermudensis HTCC2503

Aurantimonas manganoxydans SI85-9A1 (287752.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Aurantimonadaceae; Aurantimonas; Aurantimonas manganoxydans; Aurantimonas manganoxydans SI85-9A1
Aurantimonas sp. SI85-9A1 (314269.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Aurantimonadaceae; Aurantimonas; Aurantimonas sp. SI85-9A1; Aurantimonas sp. SI85-9A1
Fulvimarina pelagi HTCC2506 (314231.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Aurantimonadaceae; Fulvimarina; Fulvimarina pelagi; Fulvimarina pelagi HTCC2506
Bartonella bacilliformis KC583 (360095.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bartonellaceae; Bartonella; Bartonella bacilliformis; Bartonella bacilliformis KC583
Bartonella clarridgeiae 73 (696125.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bartonellaceae; Bartonella; Bartonella clarridgeiae; Bartonella clarridgeiae 73
Bartonella grahamii as4aup (634504.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bartonellaceae; Bartonella; Bartonella grahamii; Bartonella grahamii as4aup
Bartonella henselae str. Houston-1 (283166.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bartonellaceae; Bartonella; Bartonella henselae; Bartonella henselae str. Houston-1; Bartonella henselae str. Houston-1

Bartonella quintana str. Toulouse (283165.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bartonellaceae; Bartonella; Bartonella quintana; Bartonella quintana str. Toulouse; Bartonella quintana str. Toulouse
Bartonella tribocorum CIP 105476 (382640.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bartonellaceae; Bartonella; Bartonella tribocorum; Bartonella tribocorum CIP 105476
Methylocella silvestris BL2 (395965.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Beijerinckiaceae; Methylocella; Methylocella silvestris
Afipia sp. 1NLS2 (666684.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bradyrhizobiaceae; Afipia; Afipia sp. 1NLS2
Bradyrhizobium japonicum USDA 110 (224911.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bradyrhizobiaceae; Bradyrhizobium; Bradyrhizobium japonicum; Bradyrhizobium japonicum USDA 110; Bradyrhizobium japonicum USDA 110
Bradyrhizobium sp. BTAi1 (288000.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bradyrhizobiaceae; Bradyrhizobium; Bradyrhizobium sp. BTAi1
Nitrobacter hamburgensis X14 (323097.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bradyrhizobiaceae; Nitrobacter; Nitrobacter hamburgensis; Nitrobacter hamburgensis X14; Nitrobacter hamburgensis X14

Nitrobacter winogradskyi Nb-255 (323098.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bradyrhizobiaceae; Nitrobacter; Nitrobacter winogradskyi; Nitrobacter winogradskyi Nb-255; Nitrobacter winogradskyi Nb-255
Oligotropha carboxidovorans OM5 (504832.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bradyrhizobiaceae; Oligotropha; Oligotropha carboxidovorans
Rhodopseudomonas palustris CGA009 (258594.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bradyrhizobiaceae; Rhodopseudomonas; Rhodopseudomonas palustris; Rhodopseudomonas palustris CGA009; Rhodopseudomonas palustris CGA009
Brucella abortus NCTC 8038 (575591.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella abortus; Brucella abortus NCTC 8038
Brucella melitensis 16M (224914.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella melitensis; Brucella melitensis 16M; Brucella melitensis 16M
Brucella melitensis ATCC 23457 (546272.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Brucella; Brucella melitensis; Brucella melitensis bv. 2; Brucella melitensis ATCC 23457
Ochrobactrum anthropi ATCC 49188 (439375.7)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Ochrobactrum; Ochrobactrum anthropi; Ochrobactrum anthropi ATCC 49188

Ochrobactrum intermedium LMG 3301 (641118.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Brucellaceae; Ochrobactrum; Ochrobactrum intermedium; Ochrobactrum intermedium LMG 3301
Hyphomicrobium denitrificans ATCC 51888 (582899.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Hyphomicrobiaceae; Hyphomicrobium; Hyphomicrobium denitrificans; Hyphomicrobium denitrificans ATCC 51888
Rhodomicrobium vannielii ATCC 17100 (648757.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Hyphomicrobiaceae; Rhodomicrobium; Rhodomicrobium vannielii; Rhodomicrobium vannielii ATCC 17100
Methylobacterium extorquens PA1 (419610.8)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Methylobacteriaceae; Methylobacterium; Methylobacterium extorquens; Methylobacterium extorquens PA1
Methylobacterium radiotolerans JCM 2831 (426355.14)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Methylobacteriaceae; Methylobacterium; Methylobacterium radiotolerans; Methylobacterium radiotolerans JCM 2831
Chelativorans sp. BNC1 (266779.9)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Phyllobacteriaceae; Chelativorans; Chelativorans sp. BNC1
Hoeflea phototrophica DFL-43 (411684.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Phyllobacteriaceae; Hoeflea; Hoeflea phototrophica; Hoeflea phototrophica DFL-43
Mesorhizobium loti MAFF303099 (266835.9)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Phyllobacteriaceae; Mesorhizobium; Mesorhizobium loti; Mesorhizobium loti MAFF303099

Mesorhizobium sp. BNC1 (266779.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Phyllobacteriaceae; Mesorhizobium; Mesorhizobium sp. BNC1; Mesorhizobium sp. BNC1
Parvibaculum lavamentivorans DS-1 (402881.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Phyllobacteriaceae; Parvibaculum; Parvibaculum lavamentivorans; Parvibaculum lavamentivorans DS-1
Liberibacter asiaticus str. psy62 (537021.9)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Liberibacter; Liberibacter asiaticus; Liberibacter asiaticus str. psy62
Agrobacterium radiobacter K84 (311403.8)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Rhizobium/Agrobacterium group; Agrobacterium; Agrobacterium tumefaciens; Agrobacterium radiobacter K84
Rhizobium leguminosarum bv. viciae 3841 (216596.11)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Rhizobium/Agrobacterium group; Rhizobium; Rhizobium leguminosarum; Rhizobium leguminosarum bv. viciae; Rhizobium leguminosarum bv. viciae 3841
Sinorhizobium meliloti 1021 (266834.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Sinorhizobium/Ensifer group; Sinorhizobium; Sinorhizobium meliloti; Sinorhizobium meliloti 1021; Sinorhizobium meliloti 1021
Azorhizobium caulinodans ORS 571 (438753.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Xanthobacteraceae; Azorhizobium; Azorhizobium caulinodans

Starkeya novella DSM 506 (639283.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Xanthobacteraceae; Starkeya; Starkeya novella; Starkeya novella DSM 506
Xanthobacter autotrophicus Py2 (78245.7)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Xanthobacteraceae; Xanthobacter; Xanthobacter autotrophicus; Xanthobacter autotrophicus Py2
Hyphomonas neptunium ATCC 15444 (228405.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Hyphomonadaceae; Hyphomonas; Hyphomonas neptunium; Hyphomonas neptunium ATCC 15444; Hyphomonas neptunium ATCC 15444
Maricaulis maris MCS10 (394221.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Hyphomonadaceae; Maricaulis; Maricaulis maris; Maricaulis maris MCS10; Maricaulis maris MCS10
Oceanicaulis alexandrii HTCC2633 (314254.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Hyphomonadaceae; Oceanicaulis; Oceanicaulis alexandrii; Oceanicaulis alexandrii HTCC2633
Citreicella sp. SE45 (501479.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Citreicella; Citreicella sp. SE45
Dinoroseobacter shibae DFL 12 (398580.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Dinoroseobacter; Dinoroseobacter shibae; Dinoroseobacter shibae DFL 12
Ketogulonicigenium vulgare Y25 (880591.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Ketogulonicigenium; Ketogulonicigenium vulgare; Ketogulonicigenium vulgare Y25

Labrenzia alexandrii DFL-11 (244592.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Labrenzia; Labrenzia alexandrii; Labrenzia alexandrii DFL-11
Loktanella vestfoldensis SKA53 (314232.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Loktanella; Loktanella vestfoldensis; Loktanella vestfoldensis SKA53
Oceanibulbus indolifex HEL-45 (391624.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Oceanibulbus; Oceanibulbus indolifex; Oceanibulbus indolifex HEL-45
Oceanicola batsensis HTCC2597 (252305.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Oceanicola; Oceanicola batsensis; Oceanicola batsensis HTCC2597
Oceanicola granulosus HTCC2516 (314256.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Oceanicola; Oceanicola granulosus; Oceanicola granulosus HTCC2516
Octadecabacter antarcticus 307 (391626.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Octadecabacter; Octadecabacter antarcticus; Octadecabacter antarcticus 307
Paracoccus denitrificans PD1222 (318586.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Paracoccus; Paracoccus denitrificans; Paracoccus denitrificans PD1222
Phaeobacter gallaeciensis BS107 (391619.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Phaeobacter; Phaeobacter gallaeciensis; Phaeobacter gallaeciensis BS107

Rhodobacter capsulatus SB1003 (272942.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter; Rhodobacter capsulatus; Rhodobacter capsulatus SB1003
Rhodobacter sp. SW2 (371731.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter; Rhodobacter sp. SW2
Rhodobacter sphaeroides 2.4.1 (272943.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter; Rhodobacter sphaeroides; Rhodobacter sphaeroides 2.4.1; Rhodobacter sphaeroides 2.4.1
Roseibium sp. TrichSKD4 (744980.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Roseibium; Roseibium sp. TrichSKD4
Roseobacter denitrificans OCh 114 (375451.14)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Roseobacter; Roseobacter denitrificans; Roseobacter denitrificans OCh 114
Roseobacter litoralis Och 149 (391595.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Roseobacter; Roseobacter litoralis; Roseobacter litoralis Och 149
Roseobacter sp. CCS2 (391593.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Roseobacter; Roseobacter sp. CCS2

Roseovarius nubinhibens ISM (89187.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Roseovarius; Roseovarius nubinhibens; Roseovarius nubinhibens ISM
Roseovarius sp. TM1035 (391613.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Roseovarius; Roseovarius sp. TM1035
Silicibacter lacuscaerulensis ITI-1157 (644107.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Ruegeria; Ruegeria lacuscaerulensis; Silicibacter lacuscaerulensis ITI-1157
Ruegeria pomeroyi DSS-3 (246200.7)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Ruegeria; Ruegeria pomeroyi; Ruegeria pomeroyi DSS-3
Sagittula stellata E-37 (388399.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Sagittula; Sagittula stellata; Sagittula stellata E-37
Silicibacter pomeroyi DSS-3 (246200.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Silicibacter; Silicibacter pomeroyi; Silicibacter pomeroyi DSS-3; Silicibacter pomeroyi DSS-3
Silicibacter sp. TM1040 (292414.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Silicibacter; Silicibacter sp. TM1040; Silicibacter sp. TM1040
Sulfitobacter sp. EE-36 (52598.8)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Sulfitobacter; Sulfitobacter sp. EE-36

Sulfitobacter sp. NAS-14.1 (314267.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Sulfitobacter; Sulfitobacter sp. NAS-14.1
Thalassiobium sp. R2A62 (633131.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Thalassiobium; Thalassiobium sp. R2A62
Rhodobacteraceae bacterium KLH11 (467661.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; unclassified Rhodobacteraceae; Rhodobacteraceae bacterium KLH11
Rhodobacterales bacterium HTCC2083 (314270.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; unclassified Rhodobacterales; Rhodobacterales bacterium HTCC2083
Acetobacter pasteurianus IFO 3283-01-42C (634458.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Acetobacter; Acetobacter pasteurianus; Acetobacter pasteurianus IFO 3283-01-42C
Acidiphilium cryptum JF-5 (349163.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Acidiphilium; Acidiphilium cryptum; Acidiphilium cryptum JF-5
Gluconacetobacter diazotrophicus PAI 5 (272568.11)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Gluconacetobacter; Gluconacetobacter diazotrophicus; Gluconacetobacter diazotrophicus PAI 5

Gluconacetobacter hansenii ATCC 23769 (714995.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Gluconacetobacter; Gluconacetobacter hansenii group; Gluconacetobacter hansenii; Gluconacetobacter hansenii ATCC 23769
Gluconobacter oxydans 621H (290633.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Gluconobacter; Gluconobacter oxydans; Gluconobacter oxydans 621H; Gluconobacter oxydans 621H
Granulibacter bethesdensis CGDNIH1 (391165.8)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae; Granulibacter; Granulibacter bethesdensis; Granulibacter bethesdensis CGDNIH1; Granulibacter bethesdensis CGDNIH1
Azospirillum sp. B510 (137722.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Rhodospirillaceae; Azospirillum; Azospirillum sp. B510
Magnetospirillum gryphiswaldense MSR- 1 (431944.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Rhodospirillaceae; Magnetospirillum; Magnetospirillum gryphiswaldense; Magnetospirillum gryphiswaldense MSR-1; Magnetospirillum gryphiswaldense MSR-1
Magnetospirillum magneticum AMB-1 (342108.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Rhodospirillaceae; Magnetospirillum; Magnetospirillum magneticum; Magnetospirillum magneticum AMB-1; Magnetospirillum magneticum AMB-1

Rhodospirillum rubrum ATCC 11170 (269796.9)	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Rhodospirillaceae; Rhodospirillum; Rhodospirillum rubrum; Rhodospirillum rubrum ATCC 11170
Anaplasma centrale str. Israel (574556.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Anaplasmataceae; Anaplasma; Anaplasma centrale; Anaplasma centrale str. Israel
Anaplasma marginale str. Florida (320483.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Anaplasmataceae; Anaplasma; Anaplasma marginale; Anaplasma marginale str. Florida
Anaplasma phagocytophilum HZ (212042.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Anaplasmataceae; Anaplasma; phagocytophilum group; Anaplasma phagocytophilum; Anaplasma phagocytophilum HZ; Anaplasma phagocytophilum HZ
Ehrlichia canis str. Jake (269484.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Anaplasmataceae; Ehrlichia; canis group; Ehrlichia canis; Ehrlichia canis str. Jake; Ehrlichia canis str. Jake
Ehrlichia chaffeensis str. Arkansas (205920.8)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Anaplasmataceae; Ehrlichia; canis group; Ehrlichia chaffeensis; Ehrlichia chaffeensis str. Arkansas; Ehrlichia chaffeensis str. Arkansas
Ehrlichia ruminantium str. Gardel (302409.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Anaplasmataceae; Ehrlichia; canis group; Ehrlichia ruminantium; Ehrlichia ruminantium str. Gardel; Ehrlichia ruminantium str. Gardel

Neorickettsia risticii str. Illinois (434131.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Anaplasmataceae; Neorickettsia; Neorickettsia risticii; Neorickettsia risticii str. Illinois
Neorickettsia sennetsu str. Miyayama (222891.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Anaplasmataceae; Neorickettsia; Neorickettsia sennetsu; Neorickettsia sennetsu str. Miyayama; Neorickettsia sennetsu str. Miyayama
Orientia tsutsugamushi str. Boryong (357244.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Orientia; Orientia tsutsugamushi; Orientia tsutsugamushi str. Boryong
Rickettsia africae ESF-5 (347255.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; spotted fever group; Rickettsia africae; Rickettsia africae ESF-5
Rickettsia akari str. Hartford (293614.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; spotted fever group; Rickettsia akari; Rickettsia akari str. Hartford; Rickettsia akari str. Hartford
Rickettsia conorii str. Malish 7 (272944.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; spotted fever group; Rickettsia conorii; Rickettsia conorii str. Malish 7; Rickettsia conorii str. Malish 7
Rickettsia endosymbiont of Ixodes scapularis (444612.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; spotted fever group; Rickettsia endosymbiont of Ixodes scapularis

Rickettsia felis URRWXCal2 (315456.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; spotted fever group; Rickettsia felis; Rickettsia felis URRWXCal2; Rickettsia felis URRWXCal2
Rickettsia massiliae MTU5 (416276.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; spotted fever group; Rickettsia massiliae; Rickettsia massiliae MTU5
Rickettsia peacockii str. Rustic (562019.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; spotted fever group; Rickettsia peacockii; Rickettsia peacockii str. Rustic
Rickettsia rickettsii str. Iowa (452659.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; spotted fever group; Rickettsia rickettsii
Rickettsia canadensis str. McKiel (293613.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; typhus group; Rickettsia canadensis
Rickettsia prowazekii str. Madrid E (272947.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; typhus group; Rickettsia prowazekii; Rickettsia prowazekii str. Madrid E; Rickettsia prowazekii str. Madrid E
Rickettsia typhi str. Wilmington (257363.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; typhus group; Rickettsia typhi; Rickettsia typhi str. Wilmington; Rickettsia typhi str. Wilmington

Rickettsia bellii OSU 85-389 (391896.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsieae; Rickettsia; unclassified Rickettsia; Rickettsia bellii
Wolbachia endosymbiont strain TRS of Brugia malayi (292805.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Wolbachieae; Wolbachia; Wolbachia endosymbiont of Brugia malayi; Wolbachia endosymbiont strain TRS of Brugia malayi; Wolbachia endosymbiont strain TRS of Brugia malayi
Wolbachia endosymbiont of Culex quinquefasciatus Pel (570417.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Wolbachieae; Wolbachia; Wolbachia endosymbiont of Culex quinquefasciatus
Wolbachia endosymbiont of Drosophila melanogaster (163164.16)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Wolbachieae; Wolbachia; Wolbachia endosymbiont of Drosophila melanogaster
Wolbachia pipientis quinquefasciatus (955.1)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Wolbachieae; Wolbachia; Wolbachia pipientis quinquefasciatus; Wolbachia pipientis quinquefasciatus
Odyssella thessalonicensis L13 (985867.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiales genera incertae sedis; Odyssella; Odyssella thessalonicensis; Odyssella thessalonicensis L13
Pelagibacter sp. HTCC7211 (439493.6)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; SAR11 cluster; Pelagibacter; Pelagibacter sp. HTCC7211

Pelagibacter ubique HTCC1062 (335992.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; SAR11 cluster; Pelagibacter; Pelagibacter ubique; Pelagibacter ubique HTCC1062; Pelagibacter ubique HTCC1062
Erythrobacter litoralis HTCC2594 (314225.8)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Erythrobacteraceae; Erythrobacter; Erythrobacter litoralis; Erythrobacter litoralis HTCC2594
Erythrobacter sp. NAP1 (237727.5)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Erythrobacteraceae; Erythrobacter; Erythrobacter sp. NAP1
Citromicrobium bathyomarinum JL354 (685035.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Citromicrobium; Citromicrobium bathyomarinum; Citromicrobium bathyomarinum JL354
Novosphingobium aromaticivorans DSM 12444 (279238.18)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium; Novosphingobium aromaticivorans; Novosphingobium aromaticivorans DSM 12444
Novosphingobium sp. PP1Y (702113.7)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium; Novosphingobium sp. PP1Y
Sphingobium japonicum UT26S (452662.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Sphingobium; Sphingobium japonicum; Sphingobium japonicum UT26S
Sphingomonas sp. SKA58 (314266.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Sphingomonas; Sphingomonas sp. SKA58

Sphingomonas wittichii RW1 (392499.4)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Sphingomonas; Sphingomonas wittichii; Sphingomonas wittichii RW1; Sphingomonas wittichii RW1
Sphingopyxis alaskensis RB2256 (317655.17)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Sphingopyxis; Sphingopyxis alaskensis; Sphingopyxis alaskensis RB2256
Zymomonas mobilis subsp. mobilis ATCC 10988 (555217.8)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Zymomonas; Zymomonas mobilis; Zymomonas mobilis subsp. mobilis; Zymomonas mobilis subsp. mobilis ATCC 10988
Zymomonas mobilis subsp. mobilis NCIMB 11163 (622759.3)	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Zymomonas; Zymomonas mobilis; Zymomonas mobilis subsp. mobilis; Zymomonas mobilis subsp. mobilis NCIMB 11163
Polymorphum gilvum SL003B-26A1 (991905.3)	Bacteria; Proteobacteria; Alphaproteobacteria; unclassified Alphaproteobacteria; Polymorphum; Polymorphum gilvum; Polymorphum gilvum SL003B-26A1
alpha proteobacterium BAL199 (331869.3)	Bacteria; Proteobacteria; Alphaproteobacteria; unclassified Alphaproteobacteria; unclassified Alphaproteobacteria (miscellaneous); alpha proteobacterium BAL199
Alteromonas macleodii 'Deep ecotype' (314275.5)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Alteromonas; Alteromonas macleodii; Alteromonas macleodii 'Deep ecotype'

Methylococcus capsulatus str. Bath (243233.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Methylococcales; Methylococcaceae; Methylococcus; Methylococcus capsulatus; Methylococcus capsulatus str. Bath; Methylococcus capsulatus str. Bath
Chromohalobacter salexigens DSM 3043 (290398.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Halomonadaceae; Chromohalobacter; Chromohalobacter salexigens; Chromohalobacter salexigens DSM 3043; Chromohalobacter salexigens DSM 3043
Halomonas elongata DSM 2581 (768066.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Halomonadaceae; Halomonas; Halomonas elongata; Halomonas elongata DSM 2581
Methylophaga aminisulfidivorans MP (1026882.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Piscirickettsiaceae; Methylophaga; Methylophaga aminisulfidivorans; Methylophaga aminisulfidivorans MP
Thioalkalimicrobium cyclicum ALM1 (717773.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Piscirickettsiaceae; Thioalkalimicrobium; Thioalkalimicrobium cyclicum; Thioalkalimicrobium cyclicum ALM1
Congregibacter litoralis KT71 (314285.4)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; Congregibacter; Congregibacter litoralis; Congregibacter litoralis KT71
gamma proteobacterium KT 71 (314285.3)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; Congregibacter; Congregibacter litoralis; gamma proteobacterium KT 71; gamma proteobacterium KT 71

Reinekea blandensis MED297 (314283.5)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; Reinekea; Reinekea blandensis; Reinekea blandensis MED297
Reinekea sp. MED297 (314283.3)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; Reinekea; Reinekea sp. MED297; Reinekea sp. MED297
gamma proteobacterium NOR51-B (565045.3)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; unclassified Gammaproteobacteria (miscellaneous); gamma proteobacterium NOR51-B
marine gamma proteobacterium HTCC2080 (247639.3)	Bacteria; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria; unclassified Gammaproteobacteria (miscellaneous); marine gamma proteobacterium HTCC2080
Mariprofundus ferrooxydans PV-1 (314345.3)	Bacteria; Proteobacteria; Zetaproteobacteria; Mariprofundales; Mariprofundaceae; Mariprofundus; Mariprofundus ferrooxydans; Mariprofundus ferrooxydans PV-1
Desulfovibrio africanus str. Walvis Bay (690850.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrio; Desulfovibrio africanus; Desulfovibrio africanus str. Walvis Bay
Desulfovibrio fructosovorans JJ (596151.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrio; Desulfovibrio fructosovorans; Desulfovibrio fructosovorans JJ

Anaeromyxobacter dehalogenans 2CP-1 (455488.3)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Myxococcales; Cystobacterineae; Myxococcaceae; Anaeromyxobacter; Anaeromyxobacter dehalogenans
Anaeromyxobacter sp. Fw109-5 (404589.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Myxococcales; Cystobacterineae; Myxococcaceae; Anaeromyxobacter; Anaeromyxobacter sp. Fw109-5; Anaeromyxobacter sp. Fw109-5
delta proteobacterium NaphS2 (88274.4)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; unclassified Deltaproteobacteria; unclassified Deltaproteobacteria (miscellaneous); delta proteobacterium NaphS2
Mycoplasma leachii PG50 (880447.3)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma mycoides group; Mycoplasma leachii; Mycoplasma leachii PG50

(H) These organisms contain neither RNase E, RNaseY nor RNase J, but they do contain RNase G.

Organism	Taxonomy
Streptomyces albus J1074 (457425.4)	Bacteria; Actinobacteria; Actinobacteria (class); Actinobacteridae; Actinomycetales; Streptomycineae; Streptomycetaceae; Streptomyces; Streptomyces albus; Streptomyces albus J1074
Bacteroides clarus YIT 12056 (762984.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides clarus; Bacteroides clarus YIT 12056

Bacteroides helcogenes P 36-108 (693979.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroidaceae; Bacteroides; Bacteroides helcogenes; Bacteroides helcogenes P 36-108
Anaerophaga thermohalophila DSM 12881 (886379.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Marinilabiaceae; Anaerophaga; Anaerophaga thermohalophila; Anaerophaga thermohalophila DSM 12881
Porphyromonas asaccharolytica DSM 20707 (879243.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Porphyromonadaceae; Porphyromonas; Porphyromonas asaccharolytica; Porphyromonas asaccharolytica DSM 20707
Paraprevotella xylaniphila YIT 11841 (762982.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Paraprevotella; Paraprevotella xylaniphila; Paraprevotella xylaniphila YIT 11841
Prevotella amnii CRIS 21A-A (679191.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella amnii; Prevotella amnii CRIS 21A-A
Prevotella bryantii B14 (752555.5)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella bryantii; Prevotella bryantii B14
Prevotella denticola F0289 (767031.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella denticola; Prevotella denticola F0289

Prevotella disiens FB035-09AN (866771.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella disiens; Prevotella disiens FB035-09AN
Prevotella marshii DSM 16973 (862515.4)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella marshii; Prevotella marshii DSM 16973
Prevotella multiformis DSM 16608 (888743.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella multiformis; Prevotella multiformis DSM 16608
Prevotella multisaccharivorax DSM 17128 (688246.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella multisaccharivorax; Prevotella multisaccharivorax DSM 17128
Prevotella salivae DSM 15606 (888832.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella; Prevotella salivae; Prevotella salivae DSM 15606
Capnocytophaga sp. oral taxon 338 str. F0234 (888059.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Capnocytophaga; Capnocytophaga sp. oral taxon 338; Capnocytophaga sp. oral taxon 338 str. F0234
Krokinobacter sp. 4H-3-7-5 (983548.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Flavobacteria; Flavobacteriales; Flavobacteriaceae; Krokinobacter; Krokinobacter sp. 4H-3-7-5

Salinibacter ruber DSM 13855 (309807.19)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Rhodothermaceae; Salinibacter; Salinibacter ruber; Salinibacter ruber DSM 13855
Mucilaginibacter paludis DSM 18603 (714943.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Sphingobacteriaceae; Mucilaginibacter; Mucilaginibacter paludis; Mucilaginibacter paludis DSM 18603
Pedobacter saltans DSM 12145 (762903.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; Sphingobacteria; Sphingobacteriales; Sphingobacteriaceae; Pedobacter; Pedobacter saltans; Pedobacter saltans DSM 12145
Amoebophilus asiaticus 5a2 (452471.3)	Bacteria; Bacteroidetes/Chlorobi group; Bacteroidetes; unclassified Bacteroidetes; Amoebophilus; Amoebophilus asiaticus; Amoebophilus asiaticus 5a2
Chlamydia muridarum Nigg (243161.4)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydia; Chlamydia muridarum; Chlamydia muridarum Nigg; Chlamydia muridarum Nigg
Chlamydia muridarum Weiss (647227.3)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydia; Chlamydia muridarum; Chlamydia muridarum Weiss

Chlamydia trachomatis 434/Bu (471472.3)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydia; Chlamydia trachomatis
Chlamydia trachomatis D/UW-3/CX (272561.1)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydia; Chlamydia trachomatis; Chlamydia trachomatis D/UW-3/CX; Chlamydia trachomatis D/UW-3/CX
Chlamydophila abortus S26/3 (218497.4)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydophila; Chlamydophila abortus; Chlamydophila abortus S26/3; Chlamydophila abortus S26/3
Chlamydophila caviae GPIC (227941.1)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydophila; Chlamydophila caviae; Chlamydophila caviae GPIC; Chlamydophila caviae GPIC
Chlamydophila felis Fe/C-56 (264202.3)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydophila; Chlamydophila felis; Chlamydophila felis Fe/C-56; Chlamydophila felis Fe/C-56
Chlamydophila pecorum E58 (Chlamydia pecorum E58) (331635.3)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydophila; Chlamydophila pecorum; Chlamydophila pecorum E58 (Chlamydia pecorum E58)

Chlamydophila pneumoniae AR39 (115711.7)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydophila; Chlamydophila pneumoniae; Chlamydophila pneumoniae AR39; Chlamydophila pneumoniae AR39
Chlamydophila psittaci 01DC11 (1027846.3)	Bacteria; Chlamydiae/Verrucomicrobia group; Chlamydiae; Chlamydiae (class); Chlamydiales; Chlamydiaceae; Chlamydophila; Chlamydophila psittaci; Chlamydophila psittaci 01DC11
Chthoniobacter flavus Ellin428 (497964.5)	Bacteria; Chlamydiae/Verrucomicrobia group; Verrucomicrobia; Spartobacteria; Chthoniobacter; Chthoniobacter flavus; Chthoniobacter flavus Ellin428
Akkermansia muciniphila ATCC BAA-835 (349741.3)	Bacteria; Chlamydiae/Verrucomicrobia group; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Akkermansia; Akkermansia muciniphila; Akkermansia muciniphila ATCC BAA-835
Verrucomicrobium spinosum DSM 4136 (240016.6)	Bacteria; Chlamydiae/Verrucomicrobia group; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Verrucomicrobium; Verrucomicrobium spinosum; Verrucomicrobium spinosum DSM 4136
Methylacidiphilum inferorum V4 (481448.4)	Bacteria; Chlamydiae/Verrucomicrobia group; Verrucomicrobia; unclassified Verrucomicrobia; Methylacidiphilum; Methylacidiphilum inferorum

Fibrobacter succinogenes subsp. succinogenes S85 (59374.5)	Bacteria; Fibrobacteres/Acidobacteria group; Fibrobacteres; Fibrobacteres (class); Fibrobacterales; Fibrobacteraceae; Fibrobacter; Fibrobacter succinogenes; Fibrobacter succinogenes subsp. succinogenes; Fibrobacter succinogenes subsp. succinogenes S85
Neisseria bacilliformis ATCC BAA-1200 (888742.3)	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales; Neisseriaceae; Neisseria; Neisseria bacilliformis; Neisseria bacilliformis ATCC BAA-1200
Idiomarina sp. A28L (1036674.4)	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Idiomarinaceae; Idiomarina; Idiomarina sp. A28L
Edwardsiella tarda ATCC 23685 (500638.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Edwardsiella; Edwardsiella tarda; Edwardsiella tarda ATCC 23685
Plesiocystis pacifica SIR-1 (391625.5)	Bacteria; Proteobacteria; delta/epsilon subdivisions; Deltaproteobacteria; Myxococcales; Nannocystineae; Nannocystaceae; Plesiocystis; Plesiocystis pacifica; Plesiocystis pacifica SIR-1
Elusimicrobium minutum Pei191 (445932.3)	Bacteria; unclassified Bacteria; candidate division TG1; Elusimicrobium; Elusimicrobium minutum; Elusimicrobium minutum Pei191

(I) These organisms contain none of the analyzed RNases.

Organism	Taxonomy
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Thermodesulfobium narugense DSM 14796 (747365.3)	Bacteria; Firmicutes; Clostridia; Thermoanaerobacterales; Thermodesulfobiaceae; Thermodesulfobium; Thermodesulfobium narugense; Thermodesulfobium narugense DSM 14796
Buchnera aphidicola (Cinara tujafilina) (261317.3)	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Buchnera; Buchnera aphidicola; Buchnera aphidicola (Cinara tujafilina)
Leptospira biflexa serovar Patoc strain 'Patoc 1 (Ames)' (355278.4)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Leptospiraceae; Leptospira; Leptospira biflexa; Leptospira biflexa serovar Patoc; Leptospira biflexa serovar Patoc strain 'Patoc 1 (Ames)'
Leptospira borgpetersenii serovar Hardjo-bovis L550 (355276.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Leptospiraceae; Leptospira; Leptospira borgpetersenii; Leptospira borgpetersenii serovar Hardjo-bovis; Leptospira borgpetersenii serovar Hardjo-bovis L550
Leptospira interrogans serovar Copenhageni str. Fiocruz L1-130 (267671.1)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Leptospiraceae; Leptospira; Leptospira interrogans; Leptospira interrogans serovar Copenhageni; Leptospira interrogans serovar Copenhageni str. Fiocruz L1-130; Leptospira interrogans serovar Copenhageni str. Fiocruz L1-130
Leptospira licerasiae serovar Varillal str. MMD0835 (996808.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Leptospiraceae; Leptospira; Leptospira licerasiae; Leptospira licerasiae serovar Varillal; Leptospira licerasiae serovar Varillal str. MMD0835
Leptospira noguchii str. 2006001870 (1001593.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Leptospiraceae; Leptospira; Leptospira noguchii; Leptospira noguchii str. 2006001870
Leptospira santarosai str. 2000027870 (1001592.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Leptospiraceae; Leptospira; Leptospira santarosai; Leptospira santarosai str. 2000027870

Leptospira weilii str. 2006001855 (996804.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Leptospiraceae; Leptospira; Leptospira weilii; Leptospira weilii str. 2006001855
Treponema azotonutricium ZAS-9 (545695.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Treponema; Treponema azotonutricium; Treponema azotonutricium ZAS-9
Treponema brennaborensis DSM 12168 (906968.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Treponema; Treponema brennaborensis; Treponema brennaborensis DSM 12168
Treponema paraluis-cuniculi Cuniculi A (545776.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Treponema; Treponema paraluis-cuniculi; Treponema paraluis-cuniculi Cuniculi A
Treponema phagedenis F0421 (754027.3)	Bacteria; Spirochaetes; Spirochaetes (class); Spirochaetales; Spirochaetaceae; Treponema; Treponema phagedenis; Treponema phagedenis F0421
Mycoplasma haemofelis Ohio2 (859194.3)	Bacteria; Tenericutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma; Mycoplasma haemofelis; Mycoplasma haemofelis Ohio2