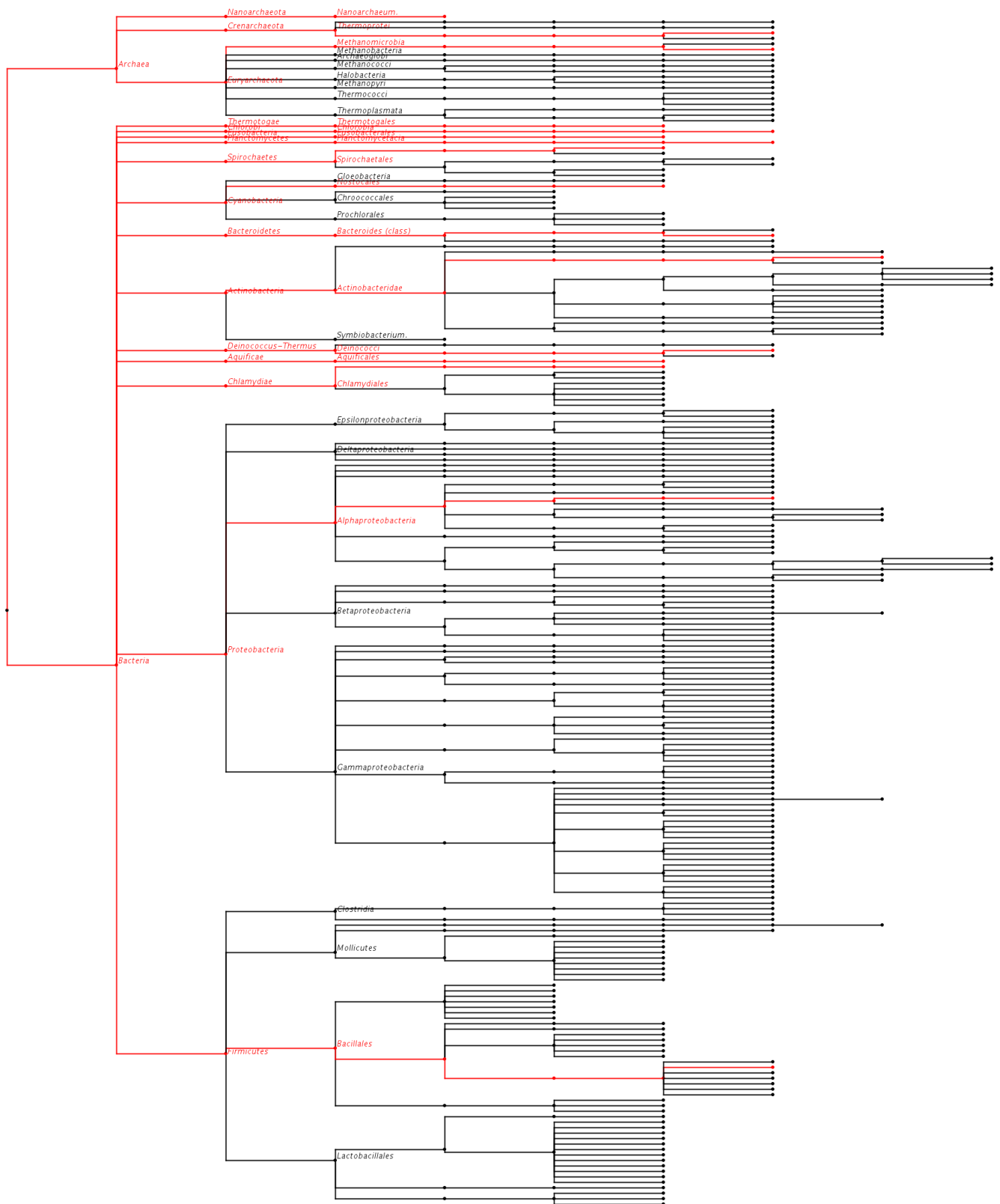
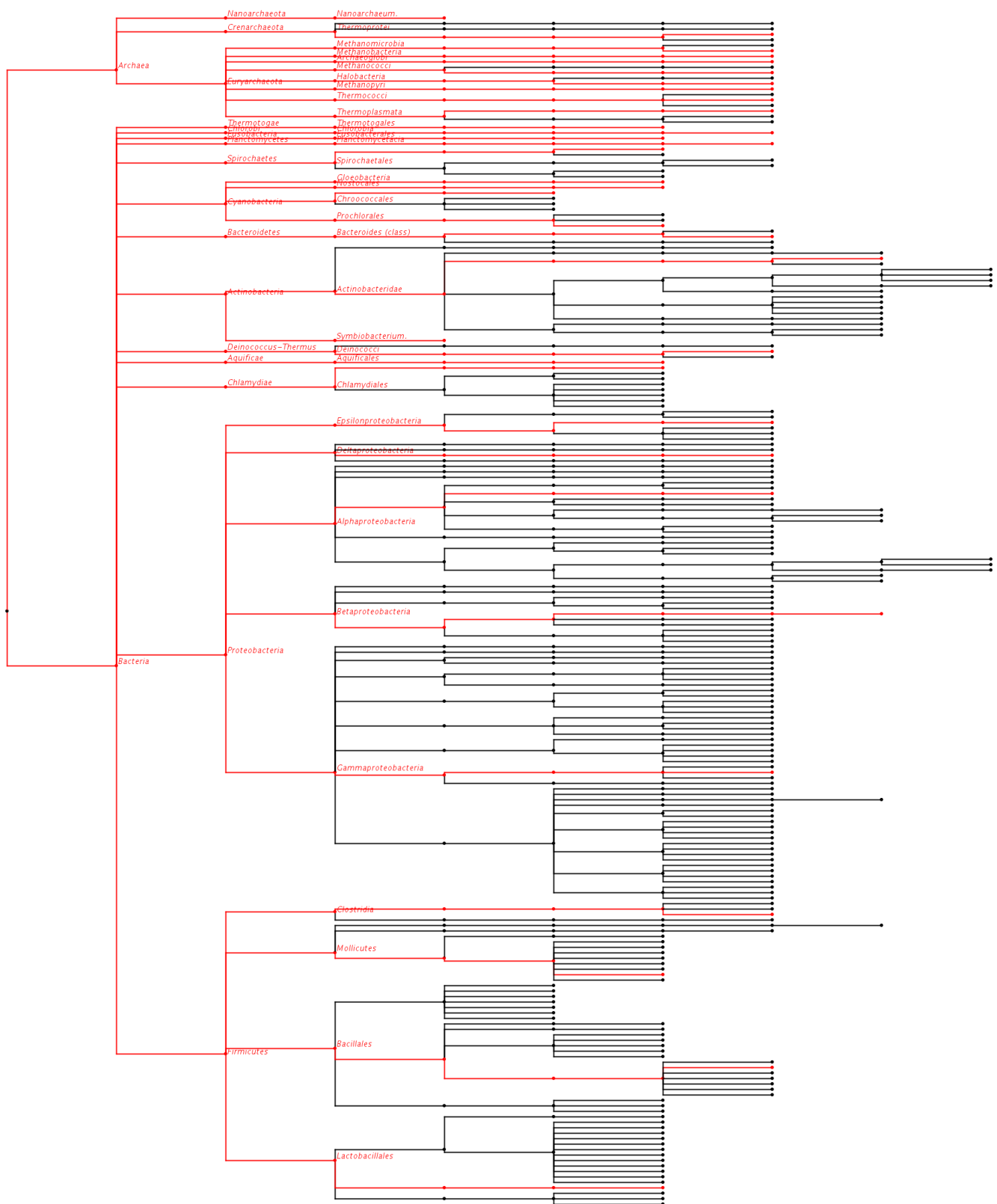
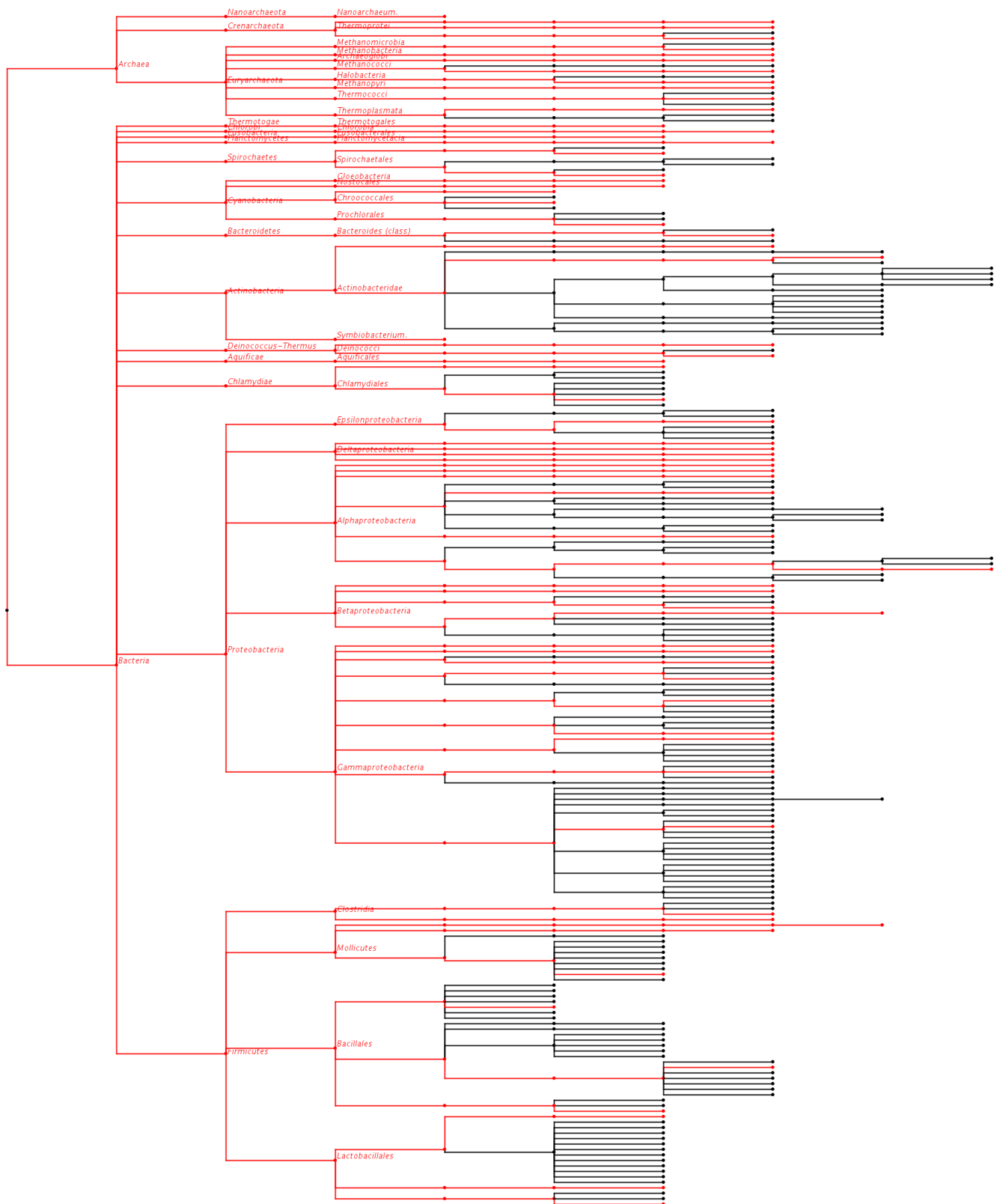




Anabaena sp.
Aquifex aeolicus
Bacillus cereus ATCC 10987
Bacteroides thetaiotaomicron
Bradyrhizobium japonicum
Chlorobium tepidum
Fusobacterium nucleatum
Leptospira interrogans lai
Methanosarcina acetivorans
Nanoarchaeum equitans
Parachlamydia sp.
Rhodopirellula baltica
Streptomyces coelicolor
Sulfolobus solfataricus
Thermotoga maritima
Thermus thermophilus HB8

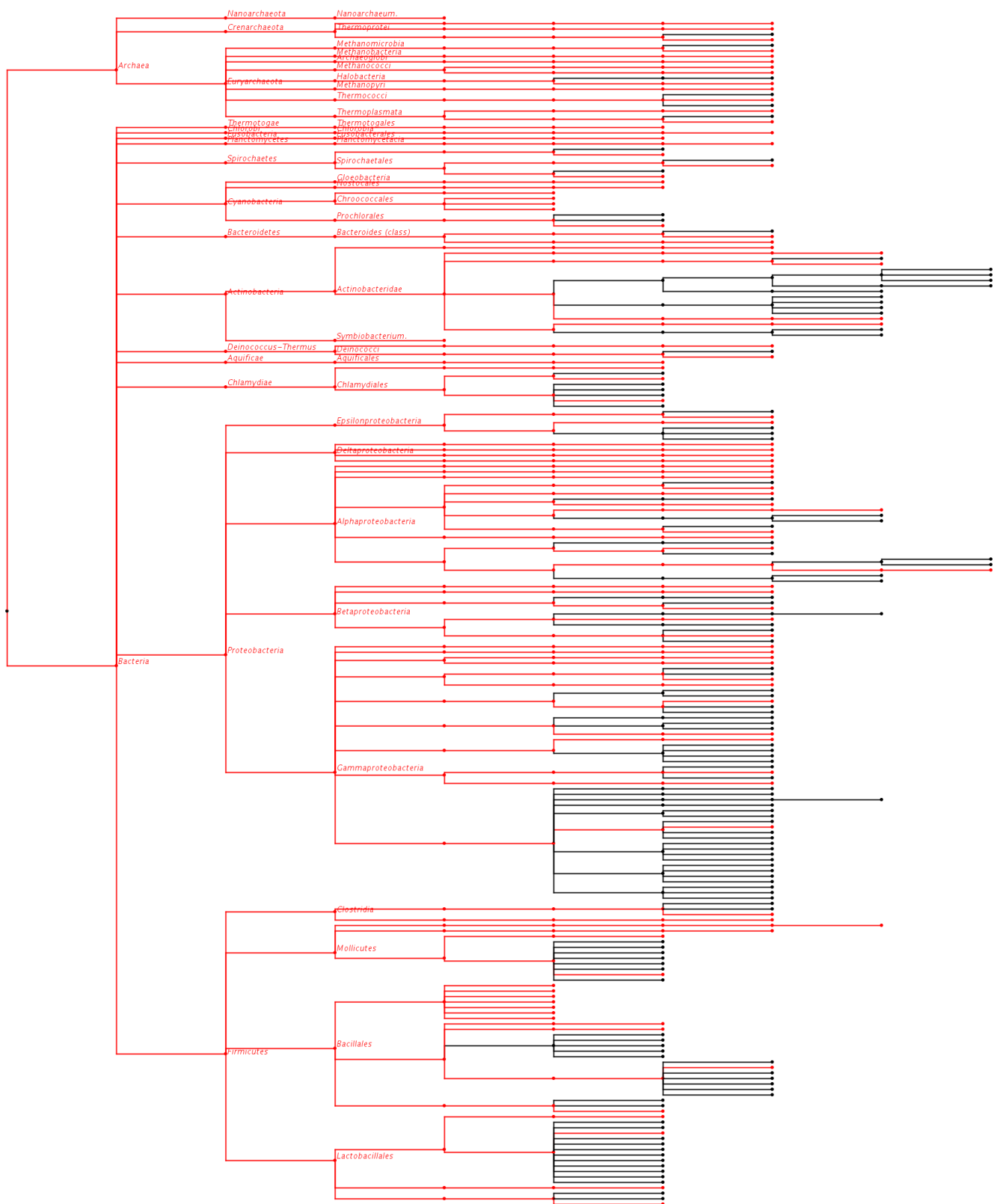


Anabaena sp.
Aquifex aeolicus
Archaeoglobus fulgidus
Bacillus cereus ATCC 10987
Bacteroides thetaiotaomicron
Burkholderia pseudomallei
Chlorobium tepidum
Clostridium acetobutylicum
Desulfovibrio vulgaris
Enterococcus faecalis
Fusobacterium nucleatum
Gloeobacter violaceus
Haloarcula marismortui
Leptospira interrogans lai
Methanobacterium thermoautotrophicum
Methanococcus maripaludis
Methanopyrus kandleri
Methanosarcina acetivorans
Mycoplasma penetrans
Nanoarchaeum equitans
Parachlamydia sp.
Picrophilus torridus
Prochlorococcus marinus MIT 9313
Pseudomonas aeruginosa
Pyrococcus horikoshii
Rhizobium loti
Rhodopirellula baltica
Streptomyces coelicolor
Sulfolobus solfataricus
Symbiobacterium thermophilum
Synechocystis sp.
Thermotoga maritima
Thermus thermophilus HB8
Wolinella succinogenes

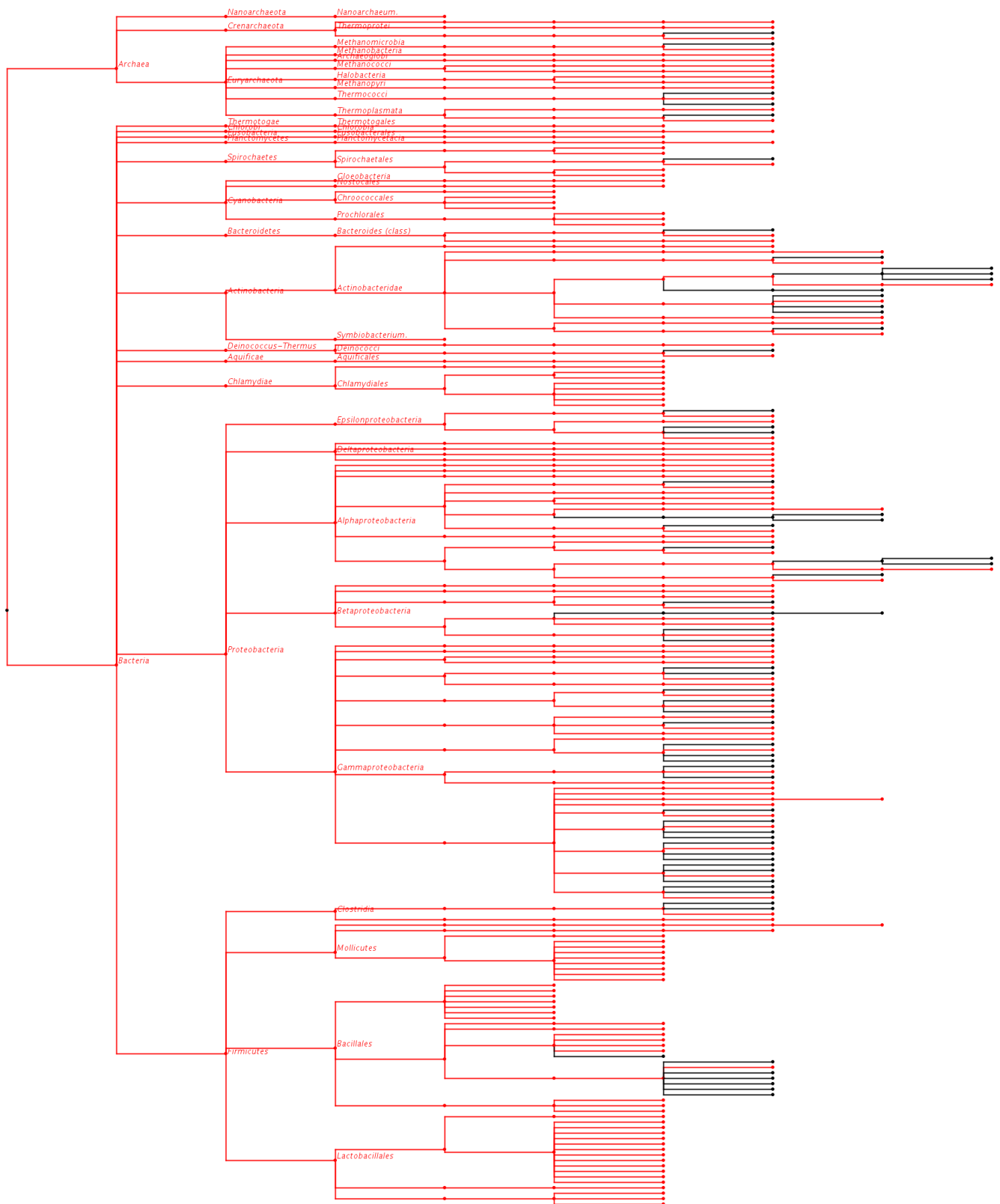


Aeropyrum pernix
Anabaena sp.
Aquifex aeolicus
Archaeoglobus fulgidus
Azoarcus sp.
Bacillus cereus ATCC 10987
Bacteroides thetaiotaomicron
Bdellovibrio bacteriovorus
Bifidobacterium longum
Burkholderia pseudomallei
Caulobacter crescentus
Chlamydia pneumoniae TW-183
Chlorobium tepidum
Clostridium acetobutylicum
Deinococcus radiodurans
Desulfotalea psychrophila
Desulfovibrio vulgaris
Enterococcus faecalis
Escherichia coli O6 UPEC
Francisella tularensis
Fusobacterium nucleatum
Geobacter sulfurreducens
Gloeobacter violaceus
Gluconobacter oxydans
Haloarcula marismortui
Lactobacillus acidophilus
Lactococcus lactis
Legionella pneumophila Philadelphia 1
Leptospira interrogans Icterohaemorrhagiae
Listeria innocua
Mesoplasma florum
Methanobacterium thermoautotrophicum
Methanococcus maripaludis
Methanopyrus kandleri

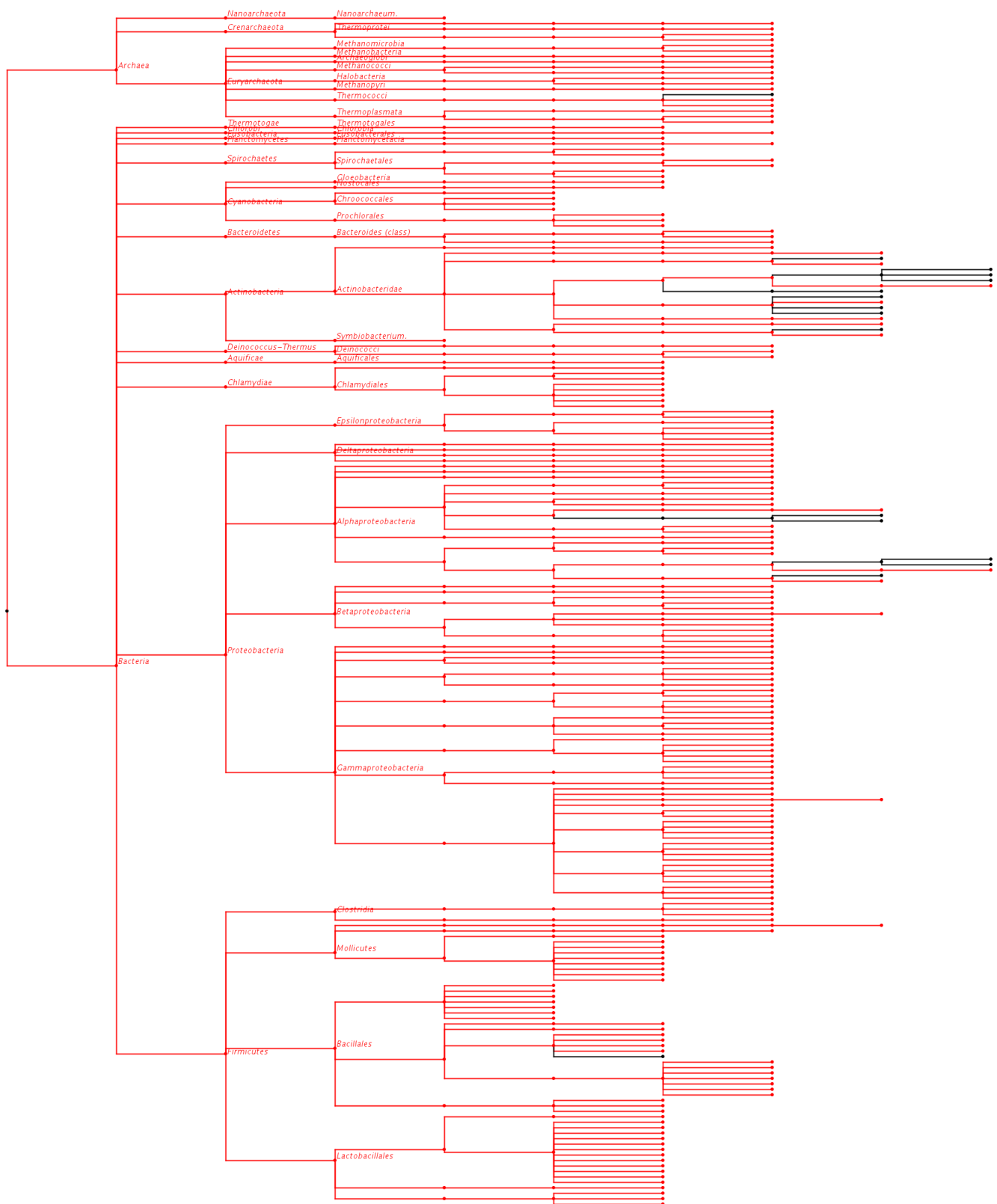
Methanosarcina acetivorans
Methylococcus capsulatus
Mycoplasma penetrans
Nanoarchaeum equitans
Neisseria meningitidis A
Nitrosomonas europaea
Onion yellows phytoplasma
Parachlamydia sp.
Pasteurella multocida
Photobacterium profundum
Picrophilus torridus
Prochlorococcus marinus MIT 9313
Pseudomonas aeruginosa
Pyrobaculum aerophilum
Pyrococcus horikoshii
Rhizobium loti
Rhodopirellula baltica
Rickettsia conorii
Shewanella oneidensis
Silicibacter pomeroyi
Staphylococcus aureus Mu50
Streptomyces coelicolor
Sulfolobus tokodaii
Symbiobacterium thermophilum
Synechococcus sp. PCC 6301
Synechocystis sp.
Thermoanaerobacter tengcongensis
Thermotoga maritima
Thermus thermophilus HB27
Treponema denticola
Wolinella succinogenes
Xanthomonas oryzae
Zymomonas mobilis



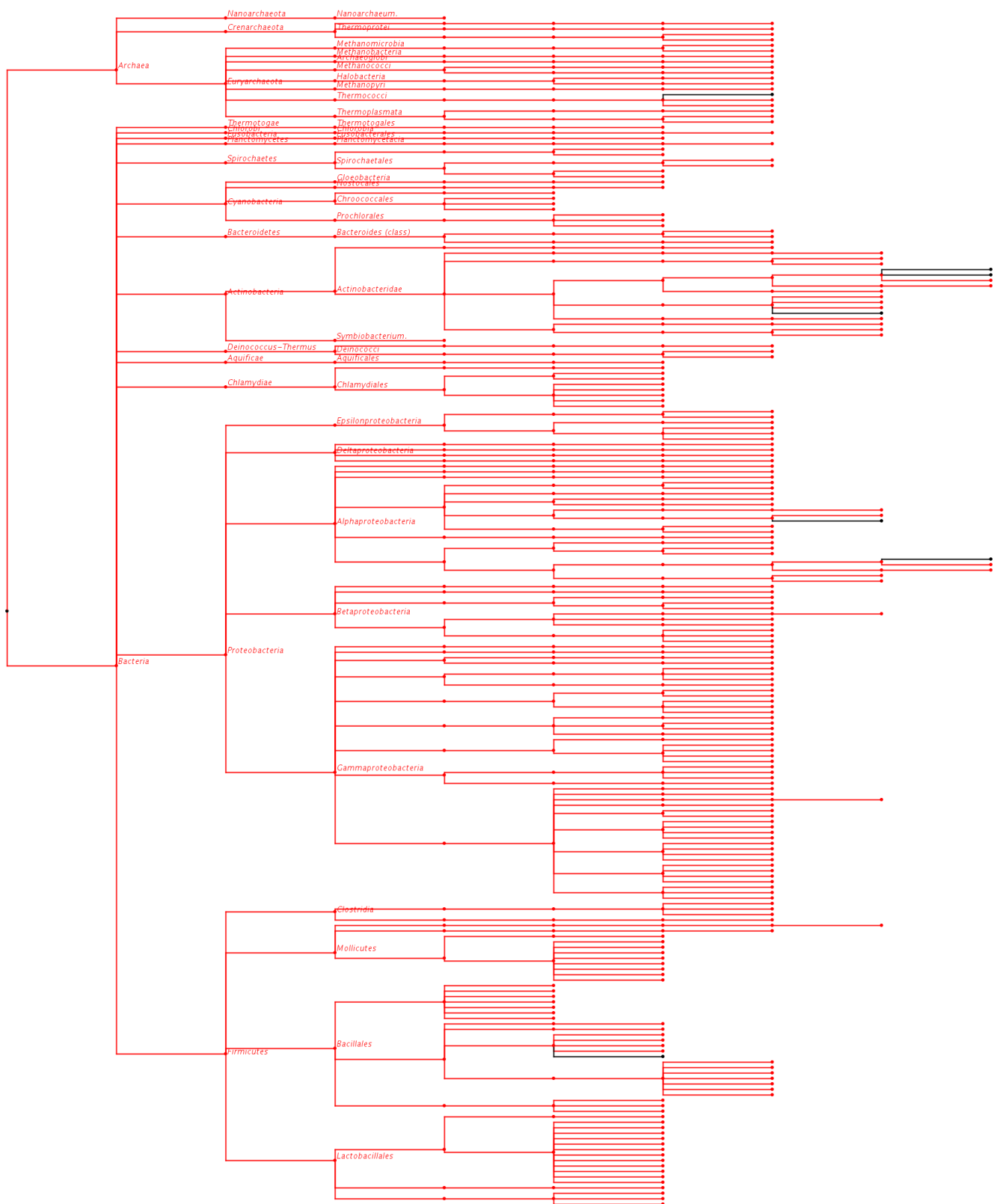
Acinetobacter sp.	Nanoarchaeum equitans
Aeropyrum pernix	Neisseria meningitidis A
Anabaena sp.	Nitrosomonas europaea
Aquifex aeolicus	Nocardia farcinica
Archaeoglobus fulgidus	Oceanobacillus iheyensis
Azoarcus sp.	Onion yellows phytoplasma
Bacillus cereus ATCC 10987	Parachlamydia sp.
Bacteroides thetaiotaomicron	Pasteurella multocida
Bartonella henselae	Photobacterium profundum
Bdellovibrio bacteriovorus	Picrophilus torridus
Bifidobacterium longum	Porphyromonas gingivalis
Bordetella bronchiseptica	Prochlorococcus marinus MIT 9313
Borrelia garinii	Propionibacterium acnes
Brucella melitensis	Pseudomonas aeruginosa
Campylobacter jejuni NCTC 11168	Pyrobaculum aerophilum
Caulobacter crescentus	Pyrococcus horikoshii
Chlamydia muridarum	Ralstonia solanacearum
Chlamydia pneumoniae TW-183	Rhizobium loti
Chlorobium tepidum	Rhizobium meliloti
Clostridium acetobutylicum	Rhodopirellula baltica
Coxiella burnetii	Rhodopseudomonas palustris
Deinococcus radiodurans	Rickettsia conorii
Desulfotalea psychrophila	Shewanella oneidensis
Desulfovibrio vulgaris	Silicibacter pomeroyi
Ehrlichia ruminantium CIRAD	Staphylococcus aureus COL
Enterococcus faecalis	Staphylococcus aureus MRSA252
Escherichia coli O6 UPEC	Staphylococcus aureus MSSA476
Francisella tularensis	Staphylococcus aureus MW2
Fusobacterium nucleatum	Staphylococcus aureus Mu50
Geobacillus kaustophilus	Staphylococcus aureus N315
Geobacter sulfurreducens	Staphylococcus epidermidis ATCC 12228
Gloeobacter violaceus	Streptococcus agalactiae V
Gluconobacter oxydans	Streptomyces avermitilis
Haloarcula marismortui	Sulfolobus tokodaii
Idiomarina loihiensis	Symbiobacterium thermophilum
Lactobacillus acidophilus	Synechococcus elongatus
Lactococcus lactis	Synechococcus sp. PCC 6301
Legionella pneumophila Philadelphia 1	Synechococcus sp. WH8102
Leifsonia xyli	Synechocystis sp.
Leptospira interrogans Icterohaemorrhagiae	Thermoanaerobacter tengcongensis
Listeria innocua	Thermoplasma volcanium
Mesoplasma florum	Thermotoga maritima
Methanobacterium thermoautotrophicum	Thermus thermophilus HB27
Methanococcus jannaschii	Treponema denticola
Methanococcus maripaludis	Ureaplasma parvum
Methanopyrus kandleri	Wolinella succinogenes
Methanosarcina acetivorans	Xanthomonas oryzae
Methylococcus capsulatus	Zymomonas mobilis
Mycoplasma penetrans	



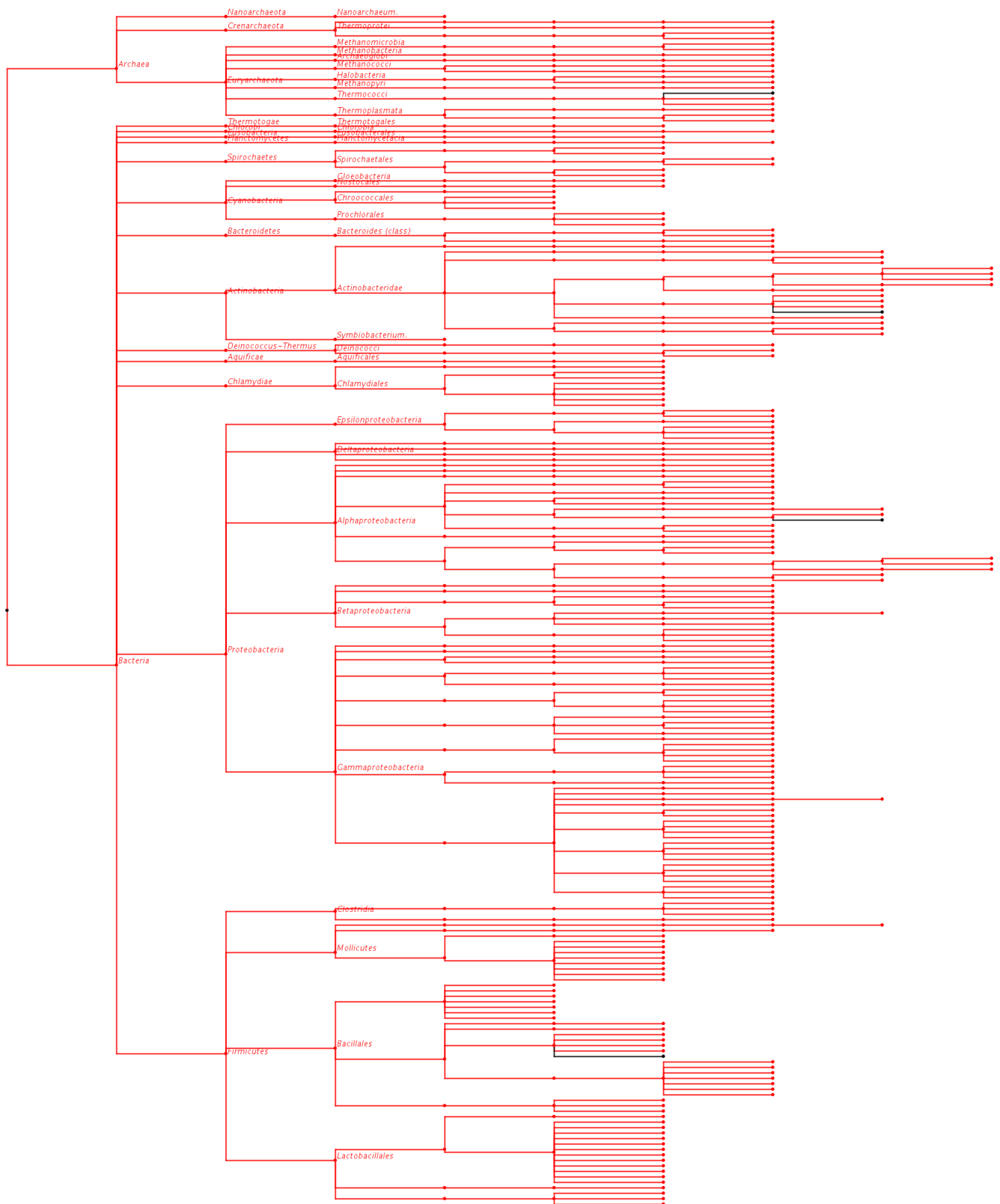
Acinetobacter sp.	Halobacterium salinarium	Rhizobium meliloti
Aeropyrum pernix	Helicobacter pylori ATCC 700392	Rhodopirellula baltica
Anabaena sp.	Idiomarina loihiensis	Rhodopseudomonas palustris
Anaplasma marginale	Lactobacillus acidophilus	Rickettsia conorii
Aquifex aeolicus	Lactobacillus johnsonii	Salmonella typhi CT18
Archaeoglobus fulgidus	Lactobacillus plantarum	Shewanella oneidensis
Azoarcus sp.	Lactococcus lactis	Shigella flexneri 301
Bacillus cereus ATCC 10987	Legionella pneumophila Philadelphia 1	Silicibacter pomeroyi
Bacillus clausii	Leifsonia xyli	Staphylococcus aureus COL
Bacillus halodurans	Leptospira interrogans Icterohaemorrhagiae	Staphylococcus aureus MRSA252
Bacillus licheniformis Goettingen	Leptospira interrogans lai	Staphylococcus aureus MSSA476
Bacillus subtilis	Listeria innocua	Staphylococcus aureus MW2
Bacteroides thetaiotaomicron	Listeria monocytogenes 1/2a	Staphylococcus aureus Mu50
Bartonella henselae	Listeria monocytogenes 4b	Staphylococcus aureus N315
Bdellovibrio bacteriovorus	Mannheimia succiniciproducens	Staphylococcus epidermidis ATCC 12228
Bifidobacterium longum	Mesoplasma florum	Streptococcus agalactiae III
Bordetella bronchiseptica	Methanobacterium thermoautotrophicum	Streptococcus agalactiae V
Borrelia garinii	Methanococcus jannaschii	Streptococcus mutans
Bradyrhizobium japonicum	Methanococcus maripaludis	Streptococcus pneumoniae ATCC BAA-255
Brucella melitensis	Methanopyrus kandleri	Streptococcus pneumoniae TIGR4
Buchnera aphidicola Acyrthosiphon pisum	Methanosarcina acetivorans	Streptococcus pyogenes MGAS10394
Burkholderia mallei	Methylococcus capsulatus	Streptococcus pyogenes MGAS315
Campylobacter jejuni NCTC 11168	Mycobacterium paratuberculosis	Streptococcus pyogenes MGAS8232
Candidatus Blochmannia floridanus	Mycoplasma gallisepticum	Streptococcus pyogenes SF370
Caulobacter crescentus	Mycoplasma genitalium	Streptococcus pyogenes SSI-1
Chlamydia muridarum	Mycoplasma hyopneumoniae	Streptococcus thermophilus ATCC BAA-250
Chlamydia pneumoniae AR39	Mycoplasma mobile	Streptococcus thermophilus CNRZ 1066
Chlamydia pneumoniae CWL029	Mycoplasma mycoides	Streptomyces avermitilis
Chlamydia pneumoniae J138	Mycoplasma penetrans	Sulfolobus tokodaii
Chlamydia pneumoniae TW-183	Mycoplasma pneumoniae	Symbiobacterium thermophilum
Chlamydia trachomatis	Mycoplasma pulmonis	Synechococcus elongatus
Chlamydophila caviae	Nanoarchaeum equitans	Synechococcus sp. PCC 6301
Chlorobium tepidum	Neisseria meningitidis A	Synechococcus sp. WH8102
Chromobacterium violaceum	Nitrosomonas europaea	Synechocystis sp.
Clostridium acetobutylicum	Nocardia farcinica	Thermoanaerobacter tengcongensis
Corynebacterium glutamicum Nakagawa	Oceanobacillus ihayensis	Thermoplasma volcanium
Coxiella burnetii	Onion yellows phytoplasma	Thermotoga maritima
Deinococcus radiodurans	Parachlamydia sp.	Thermus thermophilus HB27
Desulfotalea psychrophila	Pasteurella multocida	Treponema denticola
Desulfovibrio vulgaris	Photobacterium profundum	Treponema pallidum
Ehrlichia ruminantium Gardel	Photorhabdus luminescens	Tropheryma whipplei Twist
Enterococcus faecalis	Picrophilus torridus	Ureaplasma parvum
Erwinia carotovora	Porphyromonas gingivalis	Vibrio vulnificus YJ016
Escherichia coli O6 UPEC	Prochlorococcus marinus CCMP 1375	Wigglesworthia glossinidia brevipalpis
Francisella tularensis	Prochlorococcus marinus CCMP 1378	Wolbachia sp.
Fusobacterium nucleatum	Prochlorococcus marinus MIT 9313	Wolinella succinogenes
Geobacillus kaustophilus	Propionibacterium acnes	Xanthomonas axonopodis
Geobacter sulfurreducens	Pseudomonas aeruginosa	Xylella fastidiosa Temecula1
Gloeobacter violaceus	Pyrobaculum aerophilum	Yersinia pseudotuberculosis
Gluconobacter oxydans	Pyrococcus horikoshii	Zymomonas mobilis
Haemophilus ducreyi	Ralstonia solanacearum	
Haloarcula marismortui	Rhizobium loti	



Acinetobacter sp.
 Aeropyrum pernix
 Anabaena sp.
 Anaplasma marginale
 Aquifex aeolicus
 Archaeoglobus fulgidus
 Azorarcus sp.
 Bacillus anthracis 0581
 Bacillus anthracis Porton
 Bacillus anthracis Sterne
 Bacillus cereus ATCC 10987
 Bacillus cereus ATCC 14579
 Bacillus cereus ZK
 Bacillus clausii
 Bacillus halodurans
 Bacillus licheniformis Goettingen
 Bacillus subtilis
 Bacillus thuringiensis
 Bacteroides fragilis YCH46
 Bacteroides thetaiotaomicron
 Bartonella henselae
 Bartonella quintana
 Bdellovibrio bacteriovorus
 Bifidobacterium longum
 Bordetella bronchiseptica
 Bordetella parapertussis
 Bordetella pertussis
 Borrelia burgdorferi
 Borrelia garinii
 Bradyrhizobium japonicum
 Brucella melitensis
 Brucella suis
 Buchnera aphidicola Acyrthosiphon pisum
 Buchnera aphidicola Baizongia pistaciae
 Buchnera aphidicola Schizaphis graminum
 Burkholderia mallei
 Burkholderia pseudomallei
 Campylobacter jejuni NCTC 11168
 Campylobacter jejuni RM1221
 Candidatus Blochmannia floridanus
 Caulobacter crescentus
 Chlamydia muridarum
 Chlamydia pneumoniae AR39
 Chlamydia pneumoniae CWL029
 Chlamydia pneumoniae J138
 Chlamydia pneumoniae TW-183
 Chlamydia trachomatis
 Chlamydomonas caviae
 Chlorobium tepidum
 Chromobacterium violaceum
 Clostridium acetobutylicum
 Clostridium perfringens
 Clostridium tetani
 Corynebacterium glutamicum Nakagawa
 Coxiella burnetii
 Deinococcus radiodurans
 Desulfotalea psychrophila
 Desulfovibrio vulgaris
 Ehrlichia ruminantium CIRAD
 Ehrlichia ruminantium Gardel
 Enterococcus faecalis
 Erwinia carotovora
 Escherichia coli EDL933
 Escherichia coli K12
 Escherichia coli O6 UPEC
 Escherichia coli Sakai
 Francisella tularensis
 Fusobacterium nucleatum
 Geobacillus kaustophilus
 Geobacter sulfurreducens
 Gloeobacter violaceus
 Gluconobacter oxydans
 Haemophilus ducreyi
 Haemophilus influenzae ATCC 51907
 Haloarcula marismortui
 Halobacterium salinarum
 Helicobacter hepaticus
 Helicobacter pylori ATCC 700392
 Helicobacter pylori J99
 Idiomarina loihiensis
 Lactobacillus acidophilus
 Lactobacillus johnsonii
 Lactobacillus plantarum
 Lactococcus lactis
 Legionella pneumophila Lens
 Legionella pneumophila Paris
 Legionella pneumophila Philadelphia 1
 Leifsonia xyli
 Leptospira interrogans Icterohaemorrhagiae
 Leptospira interrogans lai
 Listeria innocua
 Listeria monocytogenes 1/2a
 Listeria monocytogenes 4b
 Mannheimia succiniciproducens
 Mesoplasma florum
 Methanobacterium thermoautotrophicum
 Methanococcus jannaschii
 Methanococcus maripaludis
 Methanopyrus kandleri
 Methanosarcina acetivorans
 Methanosarcina mazei
 Methylococcus capsulatus
 Mycobacterium paratuberculosis
 Mycoplasma gallisepticum
 Mycoplasma genitalium
 Mycoplasma hyopneumoniae
 Mycoplasma mobile
 Mycoplasma mycoides
 Mycoplasma penetrans
 Mycoplasma pneumoniae
 Mycoplasma pulmonis
 Nanoarchaeum equitans
 Neisseria meningitidis A
 Neisseria meningitidis B
 Nitrosomonas europaea
 Nocardia farcinica
 Oceanobacillus ihelyensis
 Onion yellows phytoplasma
 Parachlamydia sp.
 Pasteurella multocida
 Photobacterium profundum
 Photorhabdus luminescens
 Picrophilus torridus
 Porphyromonas gingivalis
 Prochlorococcus marinus CCMP 1375
 Prochlorococcus marinus CCMP 1378
 Prochlorococcus marinus MIT 9313
 Propionibacterium acnes
 Pseudomonas aeruginosa
 Pseudomonas putida
 Pseudomonas syringae tomato
 Pyrobaculum aerophilum
 Pyrococcus furiosus
 Pyrococcus horikoshii
 Ralstonia solanacearum
 Rhizobium loti
 Rhizobium meliloti
 Rhodospirillum rubrum
 Rhodospirillum rubrum
 Rhodospirillum rubrum
 Rickettsia conorii
 Salmonella paratyphi-a
 Salmonella typhi ATCC 700931
 Salmonella typhi CT18
 Salmonella typhimurium
 Shewanella oneidensis
 Shigella flexneri 2457T
 Shigella flexneri 301
 Silicibacter pomeroyi
 Staphylococcus aureus COL
 Staphylococcus aureus MRSA252
 Staphylococcus aureus MSSA476
 Staphylococcus aureus MW2
 Staphylococcus aureus Mu50
 Staphylococcus aureus N315
 Staphylococcus epidermidis ATCC 12228
 Streptococcus agalactiae III
 Streptococcus agalactiae V
 Streptococcus mutans
 Streptococcus pneumoniae ATCC BAA-255
 Streptococcus pneumoniae TIGR4
 Streptococcus pyogenes MGAS10394
 Streptococcus pyogenes MGAS315
 Streptococcus pyogenes MGAS8232
 Streptococcus pyogenes SF370
 Streptococcus pyogenes SSI-1
 Streptococcus thermophilus ATCC BAA-250
 Streptococcus thermophilus CNRZ 1066
 Streptomyces avermitilis
 Sulfolobus solfataricus
 Sulfolobus tokodaii
 Symbiobacterium thermophilum
 Synechococcus elongatus
 Synechococcus sp. PCC 6301
 Synechococcus sp. WH8102
 Synechocystis sp.
 Thermoanaerobacter tengcongensis
 Thermoplasma acidophilum
 Thermoplasma volcanium
 Thermotoga maritima
 Thermus thermophilus HB27
 Thermus thermophilus HB8
 Treponema denticola
 Treponema pallidum
 Tropheryma whippelii Twist
 Ureaplasma parvum
 Vibrio cholerae
 Vibrio parahaemolyticus
 Vibrio vulnificus CMCP6
 Vibrio vulnificus YJ016
 Wigglesworthia glossinidia brevipalpis
 Wolbachia sp.
 Wolinella succinogenes
 Xanthomonas axonopodis
 Xanthomonas campestris campestris
 Xanthomonas oryzae
 Xylella fastidiosa 9a5c
 Xylella fastidiosa Temecula1
 Yersinia pestis 91001
 Yersinia pestis CO-92
 Yersinia pestis KIM5
 Yersinia pseudotuberculosis
 Zymomonas mobilis



Acinetobacter sp.
 Aeropyrum pernix
 Agrobacterium tumefaciens Dupont
 Anabaena sp.
 Anaplasma marginale
 Aquifex aeolicus
 Archaeoglobus fulgidus
 Azoarcus sp.
 Bacillus anthracis 0581
 Bacillus anthracis Porton
 Bacillus anthracis Sterne
 Bacillus cereus ATCC 10987
 Bacillus cereus ATCC 14579
 Bacillus cereus ZK
 Bacillus clausii
 Bacillus halodurans
 Bacillus licheniformis Goettingen
 Bacillus subtilis
 Bacillus thuringiensis
 Bacteroides fragilis YCH46
 Bacteroides thetaiotaomicron
 Bartonella henselae
 Bartonella quintana
 Bdellovibrio bacteriovorus
 Bifidobacterium longum
 Bordetella bronchiseptica
 Bordetella parapertussis
 Bordetella pertussis
 Borrelia burgdorferi
 Borrelia garinii
 Bradyrhizobium japonicum
 Brucella melitensis
 Brucella suis
 Buchnera aphidicola Acyrthosiphon pisum
 Buchnera aphidicola Baizongia pistaciae
 Buchnera aphidicola Schizaphis graminum
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 Campylobacter jejuni NCTC 11168
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 Caulobacter crescentus
 Chlamydia muridarum
 Chlamydia pneumoniae AR39
 Chlamydia pneumoniae CWL029
 Chlamydia pneumoniae J138
 Chlamydia pneumoniae TW-183
 Chlamydia trachomatis
 Chlamydomonas reinhardtii
 Chlorobium thiosulfatophilum
 Chromobacterium violaceum
 Clostridium acetobutylicum
 Clostridium perfringens
 Clostridium tetani
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 Corynebacterium efficiens
 Corynebacterium glutamicum Nakagawa
 Coxiella burnetii
 Deinococcus radiodurans
 Desulfotalea psychrophila
 Desulfovibrio vulgaris
 Ehrlichia ruminantium CIRAD
 Ehrlichia ruminantium Gardel
 Enterococcus faecalis
 Erwinia carotovora
 Escherichia coli EDL933
 Escherichia coli K12
 Escherichia coli O6 UPEC
 Escherichia coli Sakai
 Francisella tularensis
 Fusobacterium nucleatum
 Geobacillus kaustophilus
 Geobacter sulfurreducens
 Gloeobacter violaceus
 Gluconobacter oxydans
 Haemophilus ducreyi
 Haemophilus influenzae ATCC 51907
 Haloarcula marismortui
 Halobacterium salinarum
 Helicobacter hepaticus
 Helicobacter pylori ATCC 700392
 Helicobacter pylori J99
 Idiomarina loihiensis
 Lactobacillus acidophilus
 Lactobacillus johnsonii
 Lactobacillus plantarum
 Lactococcus lactis
 Legionella pneumophila Lens
 Legionella pneumophila Paris
 Legionella pneumophila Philadelphia 1
 Leifsonia xyli
 Leptospira interrogans Icterohaemorrhagiae
 Leptospira interrogans lai
 Listeria innocua
 Listeria monocytogenes 1/2a
 Listeria monocytogenes 4b
 Mannheimia succiniciproducens
 Mesoplasma florum
 Methanobacterium thermoautotrophicum
 Methanococcus jannaschii
 Methanococcus maripaludis
 Methanopyrus kandleri
 Methanosarcina acetivorans
 Methanosarcina mazei
 Methylococcus capsulatus
 Mycobacterium leprae
 Mycobacterium paratuberculosis
 Mycobacterium tuberculosis Oshkosh
 Mycoplasma gallisepticum
 Mycoplasma genitalium
 Mycoplasma hyopneumoniae
 Mycoplasma mobile
 Mycoplasma mycoides
 Mycoplasma penetrans
 Mycoplasma pneumoniae
 Mycoplasma pulmonis
 Nanoarchaeum equitans
 Neisseria meningitidis A
 Neisseria meningitidis B
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 Prochlorococcus marinus CCMP 1378
 Prochlorococcus marinus MIT 9313
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 Pseudomonas syringae tomato
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 Ralstonia solanacearum
 Rhizobium loti
 Rhizobium meliloti
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 Rhodopseudomonas palustris
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 Salmonella typhi CT18
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 Shigella flexneri 301
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 Streptococcus agalactiae V
 Streptococcus mutans
 Streptococcus pneumoniae ATCC BAA-255
 Streptococcus pneumoniae TIGR4
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 Streptococcus pyogenes MGAS315
 Streptococcus pyogenes MGAS8232
 Streptococcus pyogenes SF370
 Streptococcus pyogenes SSI-1
 Streptococcus thermophilus ATCC BAA-250
 Streptococcus thermophilus CNRZ 1066
 Streptomyces avermitilis
 Streptomyces coelicolor
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 Sulfolobus tokodaii
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 Synechococcus sp. WH8102
 Synechocystis sp.
 Thermoanaerobacter tengcongensis
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 Thermoplasma volcanium
 Thermotoga maritima
 Thermus thermophilus HB27
 Thermus thermophilus HB8
 Treponema denticola
 Treponema pallidum
 Tropheryma whippelii TW08/27
 Tropheryma whippelii Twist
 Ureaplasma parvum
 Vibrio cholerae
 Vibrio parahaemolyticus
 Vibrio vulnificus CMCP6
 Vibrio vulnificus YJ016
 Wigglesworthia glossinidia brevipalpis
 Wolbachia pipiensis wMel
 Wolbachia sp.
 Wolinella succinogenes
 Xanthomonas axonopodis
 Xanthomonas campestris campestris
 Xanthomonas oryzae
 Xylella fastidiosa 9a5c
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 Yersinia pseudotuberculosis
 Zymomonas mobilis

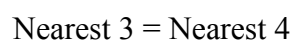


Level 9 = Nearest 7 = All

<i>Acinetobacter</i> sp.	<i>Geobacter sulfurreducens</i>	<i>Rhodopirellula baltica</i>
<i>Aeropyrum pernix</i>	<i>Gloeobacter violaceus</i>	<i>Rhodopseudomonas palustris</i>
<i>Agrobacterium tumefaciens</i>	<i>Gluconobacter oxydans</i>	<i>Rickettsia conorii</i>
<i>Anabaena</i> sp.	<i>Haemophilus ducreyi</i>	<i>Rickettsia prowazekii</i>
<i>Anaplasma marginale</i>	<i>Haemophilus influenzae</i>	<i>Rickettsia typhi</i>
<i>Aquifex aeolicus</i>	<i>Haloarcula marismortui</i>	<i>Salmonella paratyphi-a</i>
<i>Archaeoglobus fulgidus</i>	<i>Halobacterium salinarum</i>	<i>Salmonella typhi</i>
<i>Azoarcus</i> sp.	<i>Helicobacter hepaticus</i>	<i>Salmonella typhimurium</i>
<i>Bacillus anthracis</i>	<i>Helicobacter pylori</i>	<i>Shewanella oneidensis</i>
<i>Bacillus anthracis</i>	<i>Helicobacter pylori</i>	<i>Shigella flexneri</i>
<i>Bacillus anthracis</i>	<i>Idiomarina loihiensis</i>	<i>Shigella flexneri</i>
<i>Bacillus cereus</i>	<i>Lactobacillus acidophilus</i>	<i>Silicibacter pomeroyi</i>
<i>Bacillus cereus</i>	<i>Lactobacillus johnsonii</i>	<i>Staphylococcus aureus</i>
<i>Bacillus cereus</i>	<i>Lactobacillus plantarum</i>	<i>Staphylococcus aureus</i>
<i>Bacillus clausii</i>	<i>Lactococcus lactis</i>	<i>Staphylococcus aureus</i>
<i>Bacillus halodurans</i>	<i>Legionella pneumophila</i>	<i>Staphylococcus aureus</i>
<i>Bacillus licheniformis</i>	<i>Legionella pneumophila</i>	<i>Staphylococcus aureus</i>
<i>Bacillus subtilis</i>	<i>Legionella pneumophila</i>	<i>Staphylococcus aureus</i>
<i>Bacillus thuringiensis</i>	<i>Leifsonia xyli</i>	<i>Staphylococcus aureus</i>
<i>Bacteroides fragilis</i>	<i>Leptospira interrogans</i>	<i>Staphylococcus epidermidis</i>
<i>Bacteroides thetaiotaomicron</i>	<i>Leptospira interrogans</i>	<i>Streptococcus agalactiae</i>
<i>Bartonella henselae</i>	<i>Listeria innocua</i>	<i>Streptococcus agalactiae</i>
<i>Bartonella quintana</i>	<i>Listeria monocytogenes</i>	<i>Streptococcus mutans</i>
<i>Bdellovibrio bacteriovorus</i>	<i>Listeria monocytogenes</i>	<i>Streptococcus pneumoniae</i>
<i>Bifidobacterium longum</i>	<i>Mannheimia succiniciproducens</i>	<i>Streptococcus pneumoniae</i>
<i>Bordetella bronchiseptica</i>	<i>Mesoplasma florum</i>	<i>Streptococcus pyogenes</i>
<i>Bordetella parapertussis</i>	<i>Methanobacterium thermoautotrophicum</i>	<i>Streptococcus pyogenes</i>
<i>Bordetella pertussis</i>	<i>Methanococcus jannaschii</i>	<i>Streptococcus pyogenes</i>
<i>Borrelia burgdorferi</i>	<i>Methanococcus maripaludis</i>	<i>Streptococcus pyogenes</i>
<i>Borrelia garinii</i>	<i>Methanopyrus kandleri</i>	<i>Streptococcus pyogenes</i>
<i>Bradyrhizobium japonicum</i>	<i>Methanosarcina acetivorans</i>	<i>Streptococcus thermophilus</i>
<i>Brucella melitensis</i>	<i>Methanosarcina mazei</i>	<i>Streptococcus thermophilus</i>
<i>Brucella suis</i>	<i>Methylococcus capsulatus</i>	<i>Streptomyces avermitilis</i>
<i>Buchnera aphidicola</i>	<i>Mycobacterium bovis</i>	<i>Streptomyces coelicolor</i>
<i>Buchnera aphidicola</i>	<i>Mycobacterium leprae</i>	<i>Sulfolobus solfataricus</i>
<i>Buchnera aphidicola</i>	<i>Mycobacterium paratuberculosis</i>	<i>Sulfolobus tokodaii</i>
<i>Burkholderia mallei</i>	<i>Mycobacterium tuberculosis</i>	<i>Symbiobacterium thermophilum</i>
<i>Burkholderia pseudomallei</i>	<i>Mycobacterium tuberculosis</i>	<i>Synechococcus elongatus</i>
<i>Campylobacter jejuni</i>	<i>Mycoplasma gallisepticum</i>	<i>Synechococcus sp.</i>
<i>Campylobacter jejuni</i>	<i>Mycoplasma genitalium</i>	<i>Synechococcus sp.</i>
<i>Candidatus Blochmannia</i>	<i>Mycoplasma hyopneumoniae</i>	<i>Synechocystis sp.</i>
<i>Caulobacter crescentus</i>	<i>Mycoplasma mobile</i>	<i>Thermoanaerobacter tengcongensis</i>
<i>Chlamydia muridarum</i>	<i>Mycoplasma mycoides</i>	<i>Thermoplasma acidophilum</i>
<i>Chlamydia pneumoniae</i>	<i>Mycoplasma penetrans</i>	<i>Thermoplasma volcanium</i>
<i>Chlamydia pneumoniae</i>	<i>Mycoplasma pneumoniae</i>	<i>Thermotoga maritima</i>
<i>Chlamydia pneumoniae</i>	<i>Mycoplasma pulmonis</i>	<i>Thermus thermophilus</i>
<i>Chlamydia pneumoniae</i>	<i>Nanoarchaeum equitans</i>	<i>Thermus thermophilus</i>
<i>Chlamydia trachomatis</i>	<i>Neisseria meningitidis</i>	<i>Treponema denticola</i>
<i>Chlamydomonas caviae</i>	<i>Neisseria meningitidis</i>	<i>Treponema pallidum</i>
<i>Chlorobium tepidum</i>	<i>Nitrosomonas europaea</i>	<i>Tropheryma whippelii</i>
<i>Chromobacterium violaceum</i>	<i>Nocardia farcinica</i>	<i>Tropheryma whippelii</i>
<i>Clostridium acetobutylicum</i>	<i>Oceanobacillus iheyensis</i>	<i>Ureaplasma parvum</i>
<i>Clostridium perfringens</i>	<i>Onion yellows</i>	<i>Vibrio cholerae</i>
<i>Clostridium tetani</i>	<i>Parachlamydia sp.</i>	<i>Vibrio parahaemolyticus</i>
<i>Corynebacterium diphtheriae</i>	<i>Pasteurella multocida</i>	<i>Vibrio vulnificus</i>
<i>Corynebacterium efficiens</i>	<i>Photobacterium profundum</i>	<i>Vibrio vulnificus</i>
<i>Corynebacterium glutamicum</i>	<i>Photorhabdus luminescens</i>	<i>Wigglesworthia glossinidia</i>
<i>Coxiella burnetii</i>	<i>Picrophilus torridus</i>	<i>Wolbachia pipientis</i>
<i>Deinococcus radiodurans</i>	<i>Porphyromonas gingivalis</i>	<i>Wolbachia sp.</i>
<i>Desulfotalea psychrophila</i>	<i>Prochlorococcus marinus</i>	<i>Wolinella succinogenes</i>
<i>Desulfovibrio vulgaris</i>	<i>Prochlorococcus marinus</i>	<i>Xanthomonas axonopodis</i>
<i>Ehrlichia ruminantium</i>	<i>Prochlorococcus marinus</i>	<i>Xanthomonas campestris</i>
<i>Ehrlichia ruminantium</i>	<i>Propionibacterium acnes</i>	<i>Xanthomonas oryzae</i>
<i>Enterococcus faecalis</i>	<i>Pseudomonas aeruginosa</i>	<i>Xylella fastidiosa</i>
<i>Erwinia carotovora</i>	<i>Pseudomonas putida</i>	<i>Xylella fastidiosa</i>
<i>Escherichia coli</i>	<i>Pseudomonas syringae</i>	<i>Yersinia pestis</i>
<i>Escherichia coli</i>	<i>Pyrobaculum aerophilum</i>	<i>Yersinia pestis</i>
<i>Escherichia coli</i>	<i>Pyrococcus furiosus</i>	<i>Yersinia pestis</i>
<i>Escherichia coli</i>	<i>Pyrococcus horikoshii</i>	<i>Yersinia pseudotuberculosis</i>
<i>Francisella tularensis</i>	<i>Ralstonia solanacearum</i>	<i>Zymomonas mobilis</i>
<i>Fusobacterium nucleatum</i>	<i>Rhizobium loti</i>	
<i>Geobacillus kaustophilus</i>	<i>Rhizobium meliloti</i>	

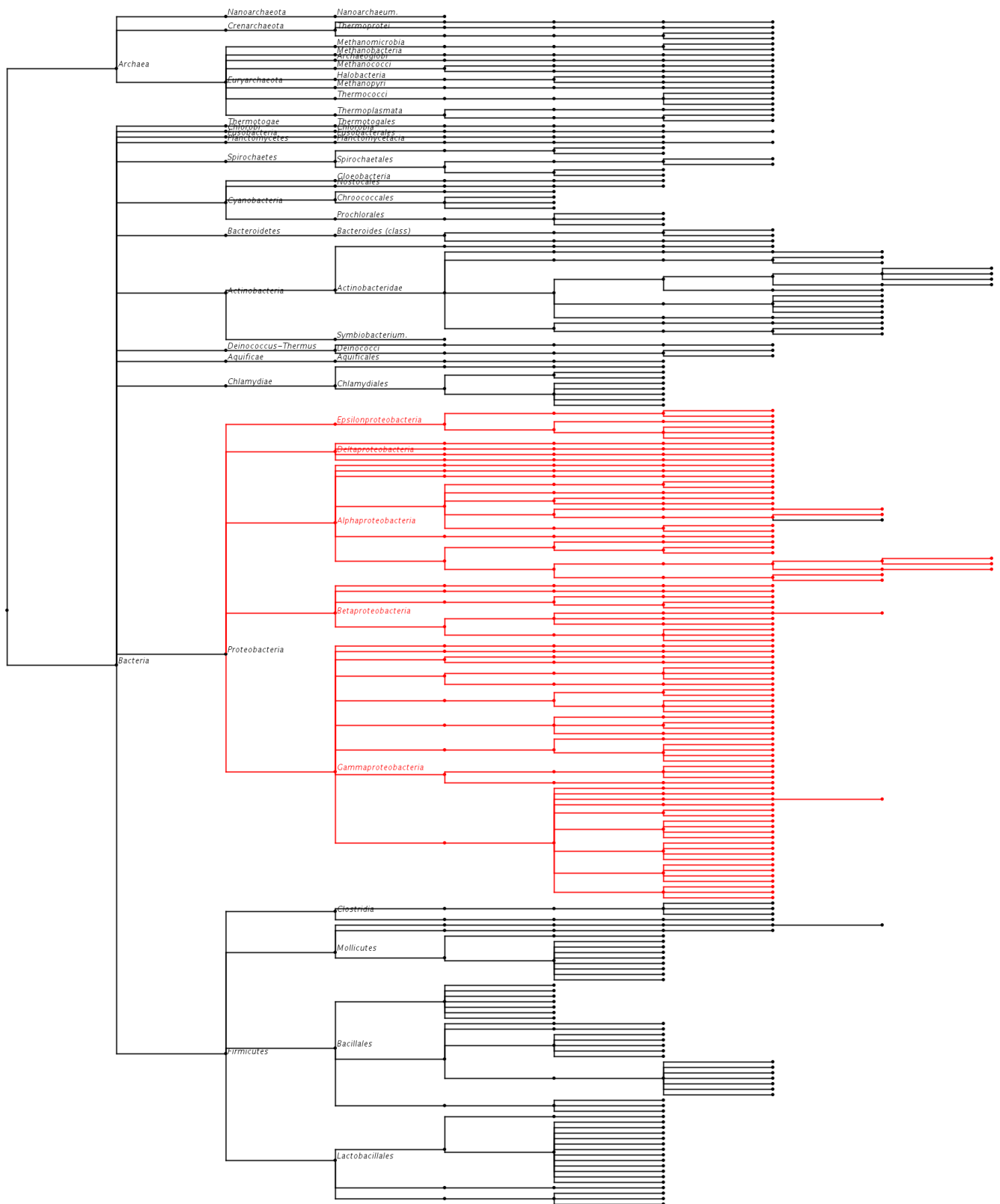


Buchnera aphidicola Acyrthosiphon pisum
Buchnera aphidicola Baizongia pistaciae
Buchnera aphidicola Schizaphis graminum
Candidatus Blochmannia floridanus
Erwinia carotovora
Escherichia coli EDL933
Escherichia coli K12
Escherichia coli O6 UPEC
Escherichia coli Sakai
Photobacterium luminescens
Salmonella paratyphi-a
Salmonella typhi ATCC 700931
Salmonella typhi CT18
Salmonella typhimurium
Shigella flexneri 2457T
Shigella flexneri 301
Wigglesworthia glossinidia brevipalpis
Yersinia pestis 91001
Yersinia pestis CO-92
Yersinia pestis KIM5
Yersinia pseudotuberculosis

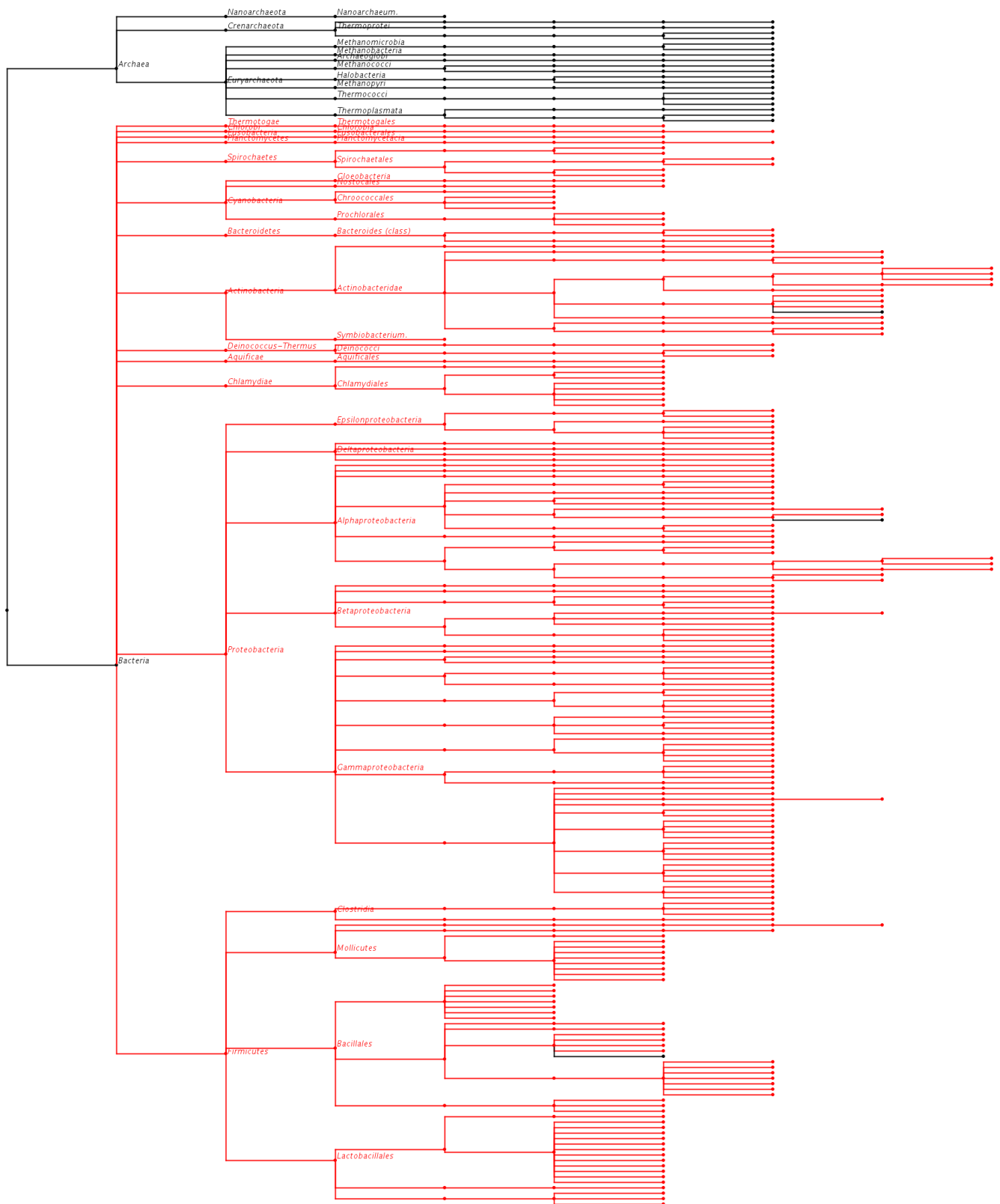


Nearest 3 = Nearest 4

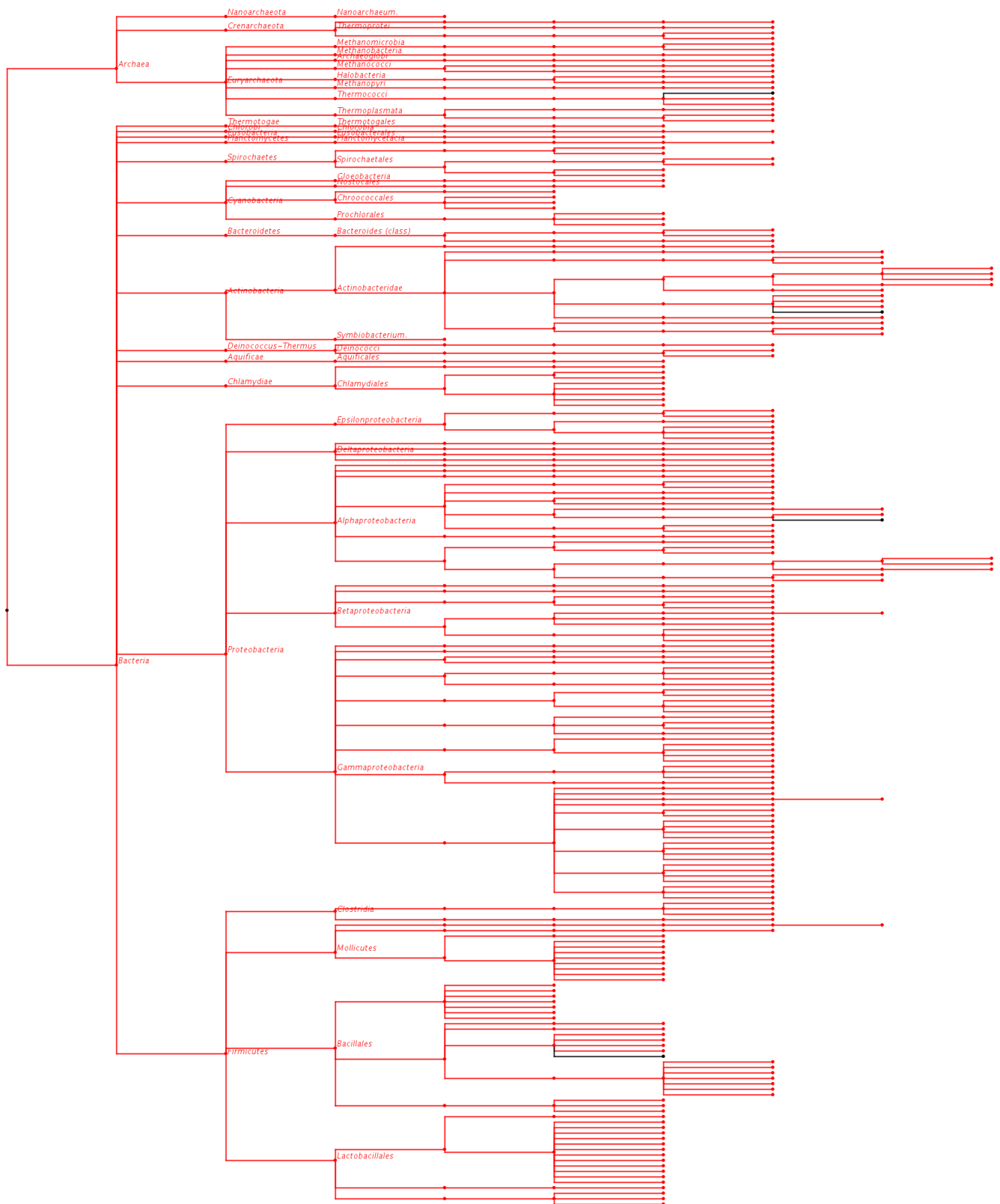
Acinetobacter sp.
Buchnera aphidicola Acyrthosiphon pisum
Buchnera aphidicola Baizongia pistaciae
Buchnera aphidicola Schizaphis graminum
Candidatus Blochmannia floridanus
Coxiella burnetii
Erwinia carotovora
Escherichia coli EDL933
Escherichia coli K12
Escherichia coli O6 UPEC
Escherichia coli Sakai
Francisella tularensis
Haemophilus ducreyi
Haemophilus influenzae ATCC 51907
Idiomarina loihiensis
Legionella pneumophila Lens
Legionella pneumophila Paris
Legionella pneumophila Philadelphia 1
Mannheimia succiniciproducens
Methylococcus capsulatus
Pasteurella multocida
Photobacterium profundum
Photorhabdus luminescens
Pseudomonas aeruginosa
Pseudomonas putida
Pseudomonas syringae tomato
Salmonella paratyphi-a
Salmonella typhi ATCC 700931
Salmonella typhi CT18
Salmonella typhimurium
Shewanella oneidensis
Shigella flexneri 2457T
Shigella flexneri 301
Vibrio cholerae
Vibrio parahaemolyticus
Vibrio vulnificus CMCP6
Vibrio vulnificus YJ016
Wigglesworthia glossinidia brevipalpis
Xanthomonas axonopodis
Xanthomonas campestris campestris
Xanthomonas oryzae
Xylella fastidiosa 9a5c
Xylella fastidiosa Temecula1
Yersinia pestis 91001
Yersinia pestis CO-92
Yersinia pestis KIM5
Yersinia pseudotuberculosis



Acinetobacter sp.	Mannheimia succiniciproducens
Agrobacterium tumefaciens Dupont	Methylococcus capsulatus
Anaplasma marginale	Neisseria meningitidis A
Azoarcus sp.	Neisseria meningitidis B
Bartonella henselae	Nitrosomonas europaea
Bartonella quintana	Pasteurella multocida
Bdellovibrio bacteriovorus	Photobacterium profundum
Bordetella bronchiseptica	Photorhabdus luminescens
Bordetella parapertussis	Pseudomonas aeruginosa
Bordetella pertussis	Pseudomonas putida
Bradyrhizobium japonicum	Pseudomonas syringae tomato
Brucella melitensis	Ralstonia solanacearum
Brucella suis	Rhizobium loti
Buchnera aphidicola Acyrthosiphon pisum	Rhizobium meliloti
Buchnera aphidicola Baizongia pistaciae	Rhodopseudomonas palustris
Buchnera aphidicola Schizaphis graminum	Rickettsia conorii
Burkholderia mallei	Rickettsia prowazekii
Burkholderia pseudomallei	Rickettsia typhi
Campylobacter jejuni NCTC 11168	Salmonella paratyphi-a
Campylobacter jejuni RM1221	Salmonella typhi ATCC 700931
Candidatus Blochmannia floridanus	Salmonella typhi CT18
Caulobacter crescentus	Salmonella typhimurium
Chromobacterium violaceum	Shewanella oneidensis
Coxiella burnetii	Shigella flexneri 2457T
Desulfotalea psychrophila	Shigella flexneri 301
Desulfovibrio vulgaris	Silicibacter pomeroyi
Ehrlichia ruminantium CIRAD	Vibrio cholerae
Ehrlichia ruminantium Gardel	Vibrio parahaemolyticus
Erwinia carotovora	Vibrio vulnificus CMCP6
Escherichia coli EDL933	Vibrio vulnificus YJ016
Escherichia coli K12	Wigglesworthia glossinidia brevipalpis
Escherichia coli O6 UPEC	Wolbachia pipientis wMel
Escherichia coli Sakai	Wolbachia sp.
Francisella tularensis	Wolinella succinogenes
Geobacter sulfurreducens	Xanthomonas axonopodis
Gluconobacter oxydans	Xanthomonas campestris campestris
Haemophilus ducreyi	Xanthomonas oryzae
Haemophilus influenzae ATCC 51907	Xylella fastidiosa 9a5c
Helicobacter hepaticus	Xylella fastidiosa Temecula1
Helicobacter pylori ATCC 700392	Yersinia pestis 91001
Helicobacter pylori J99	Yersinia pestis CO-92
Idiomarina loihiensis	Yersinia pestis KIM5
Legionella pneumophila Lens	Yersinia pseudotuberculosis
Legionella pneumophila Paris	Zymomonas mobilis
Legionella pneumophila Philadelphia 1	



Acinetobacter sp.	Escherichia coli O6 UPEC	Rhodopseudomonas palustris
Agrobacterium tumefaciens Dupont	Escherichia coli Sakai	Rickettsia conorii
Anabaena sp.	Francisella tularensis	Rickettsia prowazekii
Anaplasma marginale	Fusobacterium nucleatum	Rickettsia typhi
Aquifex aeolicus	Geobacillus kaustophilus	Salmonella paratyphi-a
Azoarcus sp.	Geobacter sulfurreducens	Salmonella typhi ATCC 700931
Bacillus anthracis 0581	Gloeobacter violaceus	Salmonella typhi CT18
Bacillus anthracis Porton	Gluconobacter oxydans	Salmonella typhimurium
Bacillus anthracis Sterne	Haemophilus ducreyi	Shewanella oneidensis
Bacillus cereus ATCC 10987	Haemophilus influenzae ATCC 51907	Shigella flexneri 2457T
Bacillus cereus ATCC 14579	Helicobacter hepaticus	Shigella flexneri 301
Bacillus cereus ZK	Helicobacter pylori ATCC 700392	Silicibacter pomeroyi
Bacillus clausii	Helicobacter pylori J99	Staphylococcus aureus COL
Bacillus halodurans	Idiomarina loihiensis	Staphylococcus aureus MRSA252
Bacillus licheniformis Goettingen	Lactobacillus acidophilus	Staphylococcus aureus MSSA476
Bacillus subtilis	Lactobacillus johnsonii	Staphylococcus aureus MW2
Bacillus thuringiensis	Lactobacillus plantarum	Staphylococcus aureus Mu50
Bacteroides fragilis YCH46	Lactococcus lactis	Staphylococcus aureus N315
Bacteroides thetaiotaomicron	Legionella pneumophila Lens	Staphylococcus epidermidis ATCC 12228
Bartonella henselae	Legionella pneumophila Paris	Streptococcus agalactiae III
Bartonella quintana	Legionella pneumophila Philadelphia 1	Streptococcus agalactiae V
Bdellovibrio bacteriovorus	Leifsonia xyli	Streptococcus mutans
Bifidobacterium longum	Leptospira interrogans Icterohaemorrhagiae	Streptococcus pneumoniae ATCC BAA-255
Bordetella bronchiseptica	Leptospira interrogans lai	Streptococcus pneumoniae TIGR4
Bordetella parapertussis	Listeria innocua	Streptococcus pyogenes MGAS10394
Bordetella pertussis	Listeria monocytogenes 1/2a	Streptococcus pyogenes MGAS315
Borrelia burgdorferi	Listeria monocytogenes 4b	Streptococcus pyogenes MGAS8232
Borrelia garinii	Mannheimia succiniciproducens	Streptococcus pyogenes SF370
Bradyrhizobium japonicum	Mesoplasma florum	Streptococcus pyogenes SSI-1
Brucella melitensis	Methylococcus capsulatus	Streptococcus thermophilus ATCC BAA-250
Brucella suis	Mycobacterium bovis	Streptococcus thermophilus CNRZ 1066
Buchnera aphidicola Acyrthosiphon pisum	Mycobacterium leprae	Streptomyces avermitilis
Buchnera aphidicola Baizongia pistaciae	Mycobacterium paratuberculosis	Streptomyces coelicolor
Buchnera aphidicola Schizaphis graminum	Mycobacterium tuberculosis H37Rv	Symbiobacterium thermophilum
Burkholderia mallei	Mycobacterium tuberculosis Oshkosh	Synechococcus elongatus
Burkholderia pseudomallei	Mycoplasma gallisepticum	Synechococcus sp. PCC 6301
Campylobacter jejuni NCTC 11168	Mycoplasma genitalium	Synechococcus sp. WH8102
Campylobacter jejuni RM1221	Mycoplasma hyopneumoniae	Synechocystis sp.
Candidatus Blochmannia floridanus	Mycoplasma mobile	Thermoanaerobacter tengcongensis
Caulobacter crescentus	Mycoplasma mycoides	Thermotoga maritima
Chlamydia muridarum	Mycoplasma penetrans	Thermus thermophilus HB27
Chlamydia pneumoniae AR39	Mycoplasma pneumoniae	Thermus thermophilus HB8
Chlamydia pneumoniae CWL029	Mycoplasma pulmonis	Treponema denticola
Chlamydia pneumoniae J138	Neisseria meningitidis A	Treponema pallidum
Chlamydia pneumoniae TW-183	Neisseria meningitidis B	Tropheryma whipplei TW08/27
Chlamydia trachomatis	Nitrosomonas europaea	Tropheryma whipplei Twist
Chlamydia caviae	Nocardia farcinica	Ureaplasma parvum
Chlorobium tepidum	Oceanobacillus iheyensis	Vibrio cholerae
Chromobacterium violaceum	Onion yellows phytoplasma	Vibrio parahaemolyticus
Clostridium acetobutylicum	Parachlamydia sp.	Vibrio vulnificus CMCP6
Clostridium perfringens	Pasteurella multocida	Vibrio vulnificus YJ016
Clostridium tetani	Photobacterium profundum	Wigglesworthia glossinidia brevipalpis
Corynebacterium diphtheriae	Photobacterium luminescens	Wolbachia pipientis wMel
Corynebacterium efficiens	Porphyromonas gingivalis	Wolbachia sp.
Corynebacterium glutamicum Nakagawa	Prochlorococcus marinus CCMP 1375	Wolinella succinogenes
Coxiella burnetii	Prochlorococcus marinus CCMP 1378	Xanthomonas axonopodis
Deinococcus radiodurans	Prochlorococcus marinus MIT 9313	Xanthomonas campestris campestris
Desulfotalea psychrophila	Propionibacterium acnes	Xanthomonas oryzae
Desulfovibrio vulgaris	Pseudomonas aeruginosa	Xylella fastidiosa 9a5c
Ehrlichia ruminantium CIRAD	Pseudomonas putida	Xylella fastidiosa Temecula1
Ehrlichia ruminantium Gardel	Pseudomonas syringae tomato	Yersinia pestis 91001
Enterococcus faecalis	Ralstonia solanacearum	Yersinia pestis CO-92
Erwinia carotovora	Rhizobium loti	Yersinia pestis KIM5
Escherichia coli EDL933	Rhizobium meliloti	Yersinia pseudotuberculosis
Escherichia coli K12	Rhodopirellula baltica	Zymomonas mobilis



Nearest 7 = Level 9 = All

Acinetobacter sp.	Gloeobacter violaceus	Rickettsia conorii
Aeropyrum pernix	Gluconobacter oxydans	Rickettsia prowazekii
Agrobacterium tumefaciens	Haemophilus ducreyi	Rickettsia typhi
Anabaena sp.	Haemophilus influenzae	Salmonella paratyphi-a
Anaplasma marginale	Haloarcula marismortui	Salmonella typhi
Aquifex aeolicus	Halobacterium salinarium	Salmonella typhi
Archaeoglobus fulgidus	Helicobacter hepaticus	Salmonella typhimurium
Azoarcus sp.	Helicobacter pylori	Shewanella oneidensis
Bacillus anthracis	Helicobacter pylori	Shigella flexneri
Bacillus anthracis	Idiomarina loihiensis	Shigella flexneri
Bacillus anthracis	Lactobacillus acidophilus	Silicibacter pomeroyi
Bacillus cereus	Lactobacillus johnsonii	Staphylococcus aureus
Bacillus cereus	Lactobacillus plantarum	Staphylococcus aureus
Bacillus cereus	Lactococcus lactis	Staphylococcus aureus
Bacillus clausii	Legionella pneumophila	Staphylococcus aureus
Bacillus halodurans	Legionella pneumophila	Staphylococcus aureus
Bacillus licheniformis	Legionella pneumophila	Staphylococcus aureus
Bacillus subtilis	Leifsonia xyli	Staphylococcus epidermidis
Bacillus thuringiensis	Leptospira interrogans	Streptococcus agalactiae
Bacteroides fragilis	Leptospira interrogans	Streptococcus agalactiae
Bacteroides thetaiotaomicron	Listeria innocua	Streptococcus mutans
Bartonella henselae	Listeria monocytogenes	Streptococcus pneumoniae
Bartonella quintana	Listeria monocytogenes	Streptococcus pneumoniae
Bdellovibrio bacteriovorus	Mannheimia succiniciproducens	Streptococcus pyogenes
Bifidobacterium longum	Mesoplasma florum	Streptococcus pyogenes
Bordetella bronchiseptica	Methanobacterium thermoautotrophicum	Streptococcus pyogenes
Bordetella parapertussis	Methanococcus jannaschii	Streptococcus pyogenes
Bordetella pertussis	Methanococcus maripaludis	Streptococcus pyogenes
Borrelia burgdorferi	Methanopyrus kandleri	Streptococcus thermophilus
Borrelia garinii	Methanosarcina acetivorans	Streptococcus thermophilus
Bradyrhizobium japonicum	Methanosarcina mazei	Streptomyces avermitilis
Brucella melitensis	Methylococcus capsulatus	Streptomyces coelicolor
Brucella suis	Mycobacterium bovis	Sulfolobus solfataricus
Buchnera aphidicola	Mycobacterium leprae	Sulfolobus tokodaii
Buchnera aphidicola	Mycobacterium paratuberculosis	Symbiobacterium thermophilum
Buchnera aphidicola	Mycobacterium tuberculosis	Synechococcus elongatus
Burkholderia mallei	Mycobacterium tuberculosis	Synechococcus sp.
Burkholderia pseudomallei	Mycoplasma gallisepticum	Synechococcus sp.
Campylobacter jejuni	Mycoplasma genitalium	Synechocystis sp.
Campylobacter jejuni	Mycoplasma hyopneumoniae	Thermoanaerobacter tengcongensis
Candidatus Blochmannia	Mycoplasma mobile	Thermoplasma acidophilum
Caulobacter crescentus	Mycoplasma mycoides	Thermoplasma volcanium
Chlamydia muridarum	Mycoplasma penetrans	Thermotoga maritima
Chlamydia pneumoniae	Mycoplasma pneumoniae	Thermus thermophilus
Chlamydia pneumoniae	Mycoplasma pulmonis	Thermus thermophilus
Chlamydia pneumoniae	Nanoarchaeum equitans	Treponema denticola
Chlamydia pneumoniae	Neisseria meningitidis	Treponema pallidum
Chlamydia trachomatis	Neisseria meningitidis	Tropheryma whippelii
Chlamydophila caviae	Nitrosomonas europaea	Tropheryma whippelii
Chlorobium tepidum	Nocardia farcinica	Ureaplasma parvum
Chromobacterium violaceum	Oceanobacillus iheyensis	Vibrio cholerae
Clostridium acetobutylicum	Onion yellows	Vibrio parahaemolyticus
Clostridium perfringens	Parachlamydia sp.	Vibrio vulnificus
Clostridium tetani	Pasteurella multocida	Vibrio vulnificus
Corynebacterium diphtheriae	Photobacterium profundum	Wigglesworthia glossinidia
Corynebacterium efficiens	Photorhabdus luminescens	Wolbachia pipientis
Corynebacterium glutamicum	Picrophilus torridus	Wolbachia sp.
Coxiella burnetii	Porphyromonas gingivalis	Wolinella succinogenes
Deinococcus radiodurans	Prochlorococcus marinus	Xanthomonas axonopodis
Desulfotalea psychrophila	Prochlorococcus marinus	Xanthomonas campestris
Desulfovibrio vulgaris	Prochlorococcus marinus	Xanthomonas oryzae
Ehrlichia ruminantium	Propionibacterium acnes	Xylella fastidiosa
Ehrlichia ruminantium	Pseudomonas aeruginosa	Xylella fastidiosa
Enterococcus faecalis	Pseudomonas putida	Yersinia pestis
Erwinia carotovora	Pseudomonas syringae	Yersinia pestis
Escherichia coli	Pyrobaculum aerophilum	Yersinia pestis
Escherichia coli	Pyrococcus furiosus	Yersinia pseudotuberculosis
Escherichia coli	Pyrococcus horikoshii	Zymomonas mobilis
Escherichia coli	Ralstonia solanacearum	
Francisella tularensis	Rhizobium loti	
Fusobacterium nucleatum	Rhizobium meliloti	
Geobacillus kaustophilus	Rhodopirellula baltica	
Geobacter sulfurreducens	Rhodospseudomonas palustris	