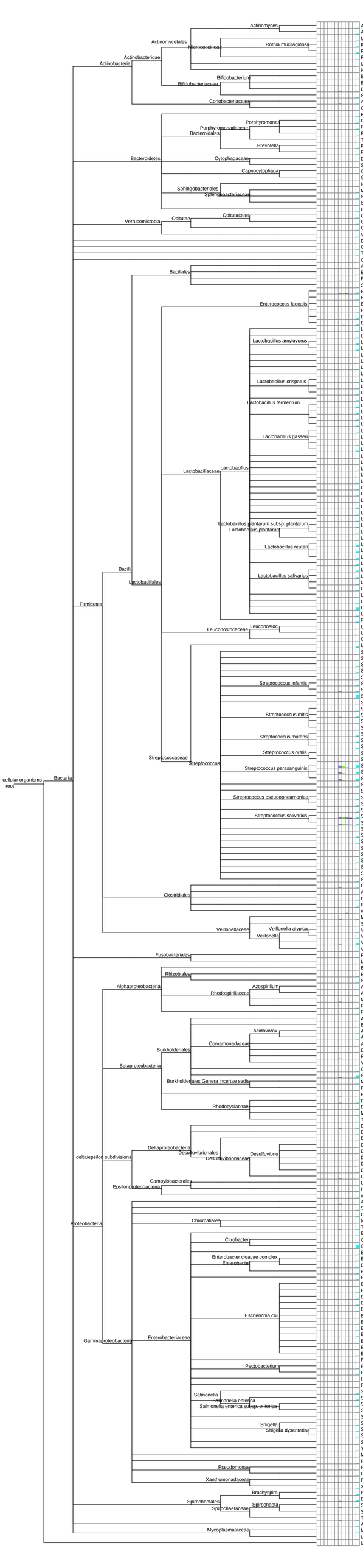
cellular organisms
root
Bacteria
Actinobacteria
Actinomycetales
Actinomycetaceae
Actinomyces
Actinomyces graevenitzii C83
Actinomyces odontolyticus ATCC 17982
Micrococcineae
Microbacterium laevaniformans OR221
Rothia mucilaginosa
Rothia mucilaginosa ATCC 25296
Rothia mucilaginosa DY-18
Promicromonosporaceae
Micromonospora
Actinobacteridae
Nocardiopsaceae
Bifidobacteriaceae
Bifidobacterium
Bifidobacterium animalis subsp. animalis ATCC 25527
Bifidobacterium breve
Bifidobacterium gallicum DSM 20093
Scardovia inopinata F0304
Coriobacteriaceae
Atopobium rimae ATCC 49626
Olsenella
Bacteroidetes
Bacteroidetes
Rhodothermus marinus
Porphyromonadaceae
Porphyromonas
Porphyromonas endodontalis ATCC 35406
Porphyromonas gingivalis TDC60
Porphyromonas uenonis 60-3
Prevotella
Tannerella
Prevotella pallens ATCC 700821
Prevotella sp. oral taxon 306 str. F0472
Cytophagaceae
Dyadobacter fermentans DSM 18053
Spirosoma linguale DSM 74
Capnocytophaga
Capnocytophaga ochracea F0287
Capnocytophaga sp. oral taxon 329 str. F0087
Sphingobacteriales
Niastella koreensis GR20-10
Sphingobacteriaceae
Mucilaginibacter paludis DSM 18603
Solitalea canadensis DSM 3403
Sphingobacterium
Bacteroidetes oral taxon 274 str. F0058
Verrucomicrobia
Opitutae
Opitutaceae
Opitutus terrae PB90-1
Opitutaceae bacterium TAV5
Corallomargarita akajimensis DSM 45221
Verrucomicrobiae bacterium DG1235
Dehalococcoides
Cyanothece
Thermus
Candidatus Solibacter usitatus Ellin6076
Firmicutes
Bacillales
Alicyclobacillus acidocaldarius
Bacillus cereus ATCC 10987
Paenibacillus polymyxa E681
Staphylococcus simiae CCM 7213
Enterococcus faecalis
Enterococcus faecalis 62
Enterococcus faecalis ATCC 4200
Enterococcus faecalis D6
Enterococcus faecalis E1Sol
Enterococcus faecalis OG1RF
Enterococcus faecalis TUSoD Ef11
Lactobacillaceae
Lactobacillus
Lactobacillus acidophilus 30SC
Lactobacillus amylovorus
Lactobacillus amylolyticus DSM 11664
Lactobacillus amylovorus GRL 1112
Lactobacillus amylovorus GRL1118
Lactobacillus antri DSM 16041
Lactobacillus buchneri NRRL B-30929
Lactobacillus casei str. Zhang
Lactobacillus coryniformis
Lactobacillus crispatus
Lactobacillus crispatus 125-2-CHN
Lactobacillus crispatus CTV-05
Lactobacillus crispatus ST1
Lactobacillus curvatus CRL 705
Lactobacillus fermentum
Lactobacillus fermentum 28-3-CHN
Lactobacillus fermentum ATCC 14931
Lactobacillus fermentum CECT 5716
Lactobacillus fermentum IFO 3956
Lactobacillus gasseri
Lactobacillus gasseri 202-4
Lactobacillus gasseri 224-1
Lactobacillus gasseri JV-V03
Lactobacillus gasseri MV-22
Lactobacillus gastricus PS3
Lactobacillus helveticus DPC 4571
Lactobacillus hominis CRBIP 24.179
Lactobacillus iners SPIN 1401G
Lactobacillus johnsonii NCC 533
Lactobacillus kefiranofaciens ZW3
Lactobacillus malefermentans KCTC 3548
Lactobacillus mucosae LM1
Lactobacillus oris PB013-T2-3
Lactobacillus parafarraginis F0439
Lactobacillus penitosus KCA1
Lactobacillus plantarum subsp. plantarum
Lactobacillus plantarum
Lactobacillus plantarum subsp. plantarum ATCC 14917
Lactobacillus plantarum subsp. plantarum ST-III
Lactobacillus plantarum WCFS1
Lactobacillus reuteri
Lactobacillus reuteri 100-23
Lactobacillus reuteri CF48-3A
Lactobacillus reuteri SD2112
Lactobacillus sakei subsp. sakei 23K
Lactobacillus salivarius
Lactobacillus salivarius ACS-116-V-Col5a
Lactobacillus salivarius ATCC 11741
Lactobacillus salivarius CECT 5713
Lactobacillus salivarius UCC118
Lactobacillus sanfranciscensis TMW 1.1304
Lactobacillus suebicus KCTC 3549
Lactobacillus ultunensis DSM 16047
Lactobacillus vaginalis ATCC 49540
Pediococcus pentosaceus ATCC 25745
Leuconostocaceae
Leuconostoc
Leuconostoc kimchii IMSNU 11154
Leuconostoc pseudomesenteroides KCTC 3652
Oenococcus
Lactococcus garvieae
Streptococcaceae
Streptococcus
Streptococcus agalactiae H36B
Streptococcus anginosus F0211
Streptococcus criceti HS-6
Streptococcus downei F0415
Streptococcus equi subsp. equi 4047
Streptococcus infantis
Streptococcus infantis ATCC 700779
Streptococcus infantis SK1302
Streptococcus macacae NCTC 11558
Streptococcus macedonicus
Streptococcus mitis
Streptococcus mitis ATCC 6249
Streptococcus mitis B6
Streptococcus mitis NCTC 12261
Streptococcus mitis SK564
Streptococcus mutans
Streptococcus mutans LJ23
Streptococcus mutans NN2025
Streptococcus mutans UA159
Streptococcus oralis
Streptococcus oralis ATCC 49296
Streptococcus oralis Uo5
Streptococcus parasanguinis
Streptococcus parasanguinis ATCC 903
Streptococcus parasanguinis F0405
Streptococcus parasanguinis FW213
Streptococcus peroris ATCC 700780
Streptococcus pneumoniae Hungary19A-6
Streptococcus pneumoniae
Streptococcus pseudopneumoniae IS7493
Streptococcus pseudopneumoniae SK674
Streptococcus pyogenes ATCC 10782
Streptococcus salivarius
Streptococcus salivarius 57.1
Streptococcus salivarius CCHSS3
Streptococcus salivarius
Streptococcus sanguinis VMC66
Streptococcus sp. 2_1_36FAA
Streptococcus sp. M334
Streptococcus sp. oral taxon 056 str. F0418
Streptococcus sp. oral taxon 071 str. 73H25AP
Streptococcus sp. SK140
Streptococcus sp. SK643
Streptococcus suis JS14
Streptococcus thermophilus CNRZ1066
Candidatus Arthromitus sp. SFB-mouse-Japan
Clostridiales
Anaerococcus tetradius ATCC 35098
Desulfosporosinus youngiae DSM 17734
Eubacterium yurii subsp. margaretiae ATCC 43715
unclassified Clostridiales (miscellaneous)
Megasphaera sp. UPII 199-6
Selenomonas artemidis F0399
Veillonellaceae
Veillonella atypica
Veillonella atypica ACS-049-V-Sch6
Veillonella atypica ACS-134-V-Col7a
Veillonella dispar ATCC 17748
Veillonella parvula ATCC 17745
Fusobacteriales
Fusobacterium nucleatum subsp. vincentii 3_1_36A2
Leptotrichia goodfellowii F0264
Rhizobiales
Brevundimonas
Bradyrhizobium japonicum
Sinorhizobium fredii
Alphaproteobacteria
Azospirillum
Azospirillum amazonense Y2
Rhodospirillaceae
Azospirillum brasilense Sp245
Magnetospirillum magneticum AMB-1
Rhodospirillum centenum SW
Polymorphum gilvum SL0038-26A1
Achromobacter xylosoxidans A8
Burkholderiales
Burkholderia thailandensis
Acidovorax
Acidovorax citrulli AAC00-1
Comamonadaceae
Acidovorax sp. NO-1
Alicycliphilus denitrificans
Betaproteobacteria
Delftia
Ramlibacter tataouinensis TTB310
Variovorax paradoxus S110
Oxalobacter formigenes HOxBLS
Burkholderiales Genera incertae sedis
Sutterella parvirubra YIT 11816
Methylibium petroleiphilum PM1
Rubrivivax benzoatilyticus JA2 = ATCC BAA-35
Pseudogulbenkiania
Rhodocyclaceae
Dechlorosoma suillum PS
Dechloromonas aromatica RCB
Methyloversatilis universalis FAM5
Thauera sp. MZ1T
Desulfarculus baarsii DSM 2075
Deltaproteobacteria
Desulfobacter postgatei 2ac9
Desulfovibrionales
Desulfomicrobium baculatum DSM 4028
Desulfovibrionaceae
Desulfovibrio
Desulfovibrio africanus str. Walvis Bay
delta/epsilon subdivisions
Desulfovibrio desulfuricans
Desulfovibrio fructosivorans JJ
Desulfovibrio sp. 3_1_syn3
Desulfovibrio sp. 6_1_46AFAA
Campylobacterales
Lawsonia intracellularis PHE/MN1-00
Campylobacter jejuni subsp. jejuni M1
Epsilonproteobacteria
Helicobacter canadensis MIT 98-5491
unclassified Epsilonproteobacteria
Aeromonas hydrophila subsp. hydrophila ATCC 7966
Shewanella
Proteobacteria
Cardiobacteriaceae
Chromatiales
Nitrosococcus oceani
Thioalkalivibrio sulfidophilus HL-EbGr7
Brenneria sp. EniD312
Citrobacter
Citrobacter youngae ATCC 29220
Citrobacter koseri ATCC BAA-895
Enterobacter cloacae complex
Edwardsiella tarda
Enterobacter
Enterobacter cloacae EcWSU1
Enterobacter lignolyticus SCF1
Enterobacter sp. 638
Erwinia tasmaniensis Et1/99
Escherichia coli
Escherichia coli 101-1
Escherichia coli 55989
Escherichia coli H591
Escherichia coli IHE3034
Escherichia coli MS 185-1
Escherichia coli MS 198-1
Escherichia coli MS 45-1
Escherichia coli NC101
Escherichia coli O103:H2 str. 12009
Escherichia coli O7:K1 str. CE10
Escherichia coli S88
Escherichia coli SE15
Gammaproteobacteria
Enterobacteriaceae
Pantoea ananatis
Pectobacterium
Pectobacterium carotovorum subsp. carotovorum
Pectobacterium wasabiae WPP163
Photorhabdus luminescens subsp. laumondii TTO1
Providencia
Salmonella
Salmonella bongori NCTC 12419
Salmonella enterica
Salmonella enterica subsp. arizonae serovar 62:z4,z23:- str. RSK2980
Salmonella enterica subsp. enterica
Salmonella enterica subsp. enterica serovar Saintpaul str. SARA29
Salmonella enterica subsp. enterica serovar Schwarzengrund str. CVM19633
Serratia
Shigella
Shigella boydii CDC 3083-94
Shigella dysenteriae
Shigella dysenteriae 1012
Shigella dysenteriae 1617
Shimwellia blattae DSM 4481 = NBRC 105725
Yersinia pestis
Methylomicrobium album BG8
Pasteurella
Pseudomonas
Pseudomonas mendocina
Pseudomonas fulva 12-X
Xanthomonadaceae
Frateuria aurantia DSM 6220
Xylella fastidiosa
Brachyspira
Brachyspira hyodysenteriae WA1
Spirochaetales
Spirochaetaceae
Spirochaeta
Brachyspira murdochii DSM 12563
Spirochaeta smaragdinae DSM 11293
Spirochaeta thermophila
Treponema vincentii ATCC 35580
Aminomonas paucivorans DSM 12260
Mycoplasmatacea
Mycoplasma iowae 695
Ureaplasma parvum
Methanomicrobiaceae

Legend:

N2 N4 N6 N8 N10 Nu T2 T4 T6 T8 T10 Tu