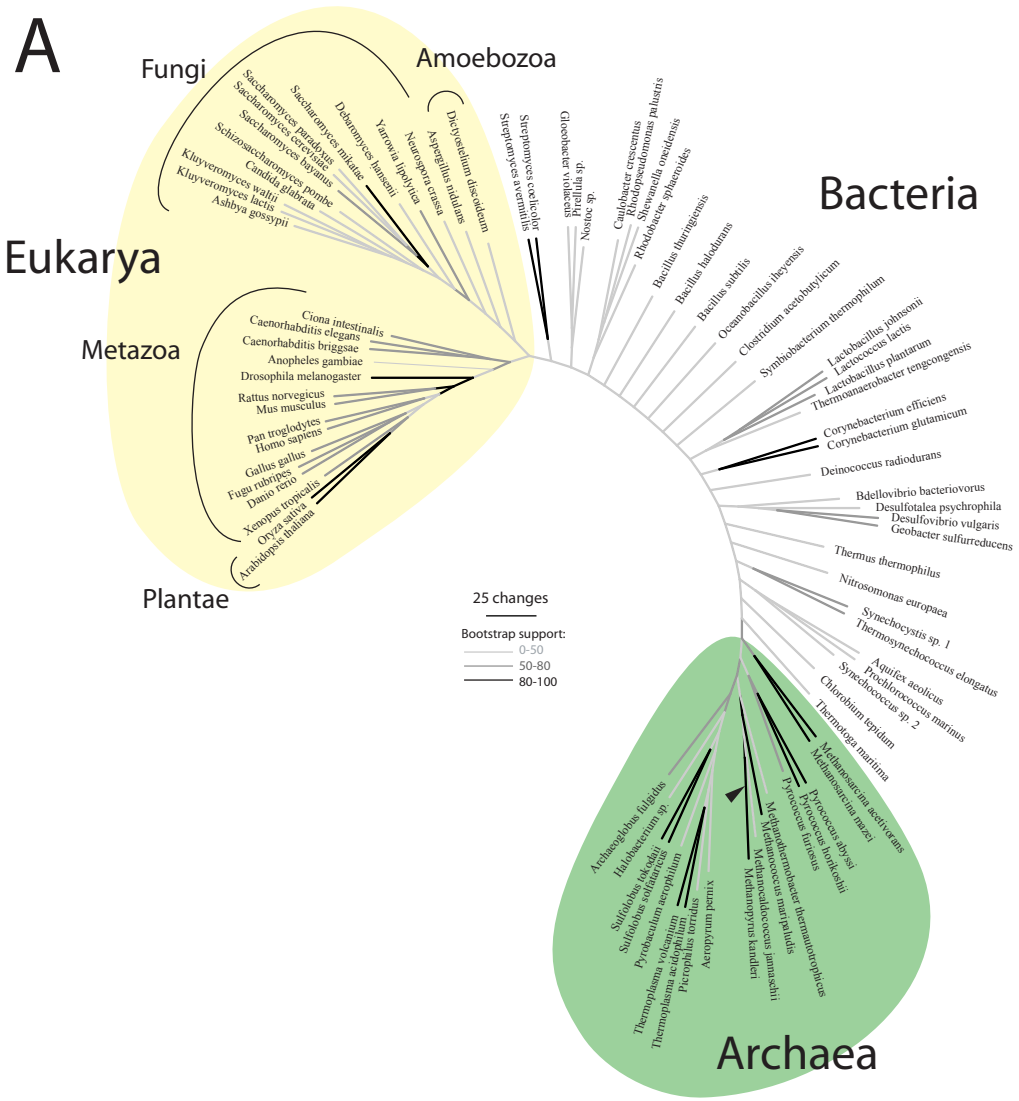
A
Fungi
Amoebozoa
Eukarya
Metazoa
Plantae
Bacteria
Archaea
Saccharomyces paradoxus
Saccharomyces cerevisiae
Saccharomyces bayanus
Saccharomyces mikatae
Debaromyces hansenii
Yarrowia lipolytica
Neurospora crassa
Aspergillus nidulans
Dictyostelium discoideum
Streptomyces coelicolor
Streptomyces avermitilis
Gloeobacter violaceus
Nostoc sp.
Trichodesmium sp.
Caulobacter crescentus
Rhodopseudomonas palustris
Shewanella oneidensis
Rhodobacter sphaeroides
Bacillus thuringiensis
Bacillus halodurans
Bacillus subtilis
Oceanobacillus iheyensis
Clostridium acetobutylicum
Symbiobacterium thermophilum
Lactobacillus johnsonii
Lactococcus lactis
Lactobacillus plantarum
Thermoanaerobacter tengcongensis
Corynebacterium efficiens
Corynebacterium glutamicum
Deinococcus radiodurans
Bdellovibrio bacteriovorus
Desulfotalea psychrophila
Desulfovibrio vulgaris
Geobacter sulfurreducens
Thermus thermophilus
Nitrosomonas europaea
Synechocystis sp. 1
Thermosynechococcus elongatus
Aquifex aeolicus
Prochlorococcus marinus
Synechococcus sp. 2
Chlorobium tepidum
Thermotoga maritima
Methanosarcina acetivorans
Methanosarcina mazei
Pyrococcus abyssi
Pyrococcus horikoshii
Pyrococcus furiosus
Methanothermobacter thermautotrophicus
Methanococcus maripaludis
Methanocaldococcus jannaschii
Methanopyrus kandleri
Aeropyrum pernix
Pyrobaculum aerophilum
Pyrobaculum volcanium
Thermoplasma acidophilum
Thermoplasma volcanium
Sulfolobus solfataricus
Sulfolobus tokodaii
Halobacterium sp.
Archaeoglobus fulgidus
Caenorhabditis elegans
Caenorhabditis briggsae
Ciona intestinalis
Anopheles gambiae
Drosophila melanogaster
Rattus norvegicus
Mus musculus
Pan troglodytes
Homo sapiens
Gallus gallus
Fugu rubripes
Danio rerio
Xenopus tropicalis
Oryza sativa
Arabidopsis thaliana
Schizosaccharomyces pombe
Candida glabrata
Kluyveromyces lactis
Kluyveromyces waltii
Ashbya gossypii
25 changes
Bootstrap support:
0-50
50-80
80-100

Figure S3A