n taxa = 102

betts2018_alignment_102_matrix.

Caldisericum
Dictyoglomus
Kosmotoga
Jonquetella
Clostridium_acetobutylicum
Chthonomonas
Actinomadura
Oscillochloris
Microgenomates
Parcubacteria
Synechocystis_sp._PCC6803
Gloeobacter
Cylindrosperopsis
Chlorogloeopsis
Treponema_pallidum
Elusimicrobium
Aquifex
Acidobacterium
Thermodesulfatator
Thermodesulfovibrio
Desulfurispirillum
Campylobacter_jejuni
Escherichia_coli
Rickettsia
Rhodopseudomonas_palustris
Rhodopirellula_baltica
Chlamydia_trachomatis
Verrucomicrobium
Lentisphaera
Candidatus
Latescibacteria
Chlorobium
Caldithrix
Gemmatimonas
Fibrobacter
Giardia_lamblia
Trichomonas_vaginalis
Reticulomyxa
Elphidium
Leishmania_major
Bodo
Tetrahymena
Paramecium
Phytophthora_ramorum
Thalassiosira_pseudonana
Ectocarpus
Polysphondylium
Dictyostelium_discoideum
Batrachochytrium
Agaricus
Saccharomyces_cerevisiae
Amphimedon
Hydra
Limulus
Homo_sapiens
Cyanophora
Galdieria
Chondrus
Cyanidioschyzon
Volvox
Chlamydomonas
Physcomitrella
Oryza_sativa
Arabidopsis_thaliana
Loki3
Lokiarchaeum
Loki2
Korarchaeum_cryptofilum
Caldiarchaeum_subterraneum
The09
Cenarchaeum_symbiosum
Nitrosoarchaeum_limnia
Nitrosopumilus_maritimus
Crenynpffa
Thermofilum_pendens
Caldivirga_maquilingensis
Pyrobaculum_aerophilum
Sulfolobus_solfataricus
Staphylothermus_marinus
Ignicoccus_hospitalis
Aeropyrum_pernix
Hyperthermus_butylicus
Methanopyrus_kandleri
Methanothermobacter_thermautotro
Methanococcus_jannaschii
Pyrococcus_furiosus
Methanomassiliicoccus_luminyensis
Thermoplasma_volcanium
Archaeoglobus_fulgidus
Haloarcula_marismortui
Methanosarcina_mazei
DUSEL3
Parvarchaeum_acidophilus
Micrarchaeum_acidiphilum
Ar5
Nanosalina
Nanosalinarum
Nanoarchaeum
Ar13
Ar6
Ar15
DUSEL4

1.467
468.1823
1824.2269
2270.3179
3180.3371
3372.3914
3915.6858
6859.7002
7003.7238
7239.7377
7378.7866
7867.8106
8107.8469
8470.8640
8641.8923
8924.9066
9067.9228
9229.9819
9820.10584
10585.10916
10917.11200
11201.11396
11397.11615
11616.12722
12723.13184
13185.13559
13560.14000
14001.14602
14603.14744

Absent (13%)
Partial (77%)
Complete (10%)

Gene partitions (n = 29)