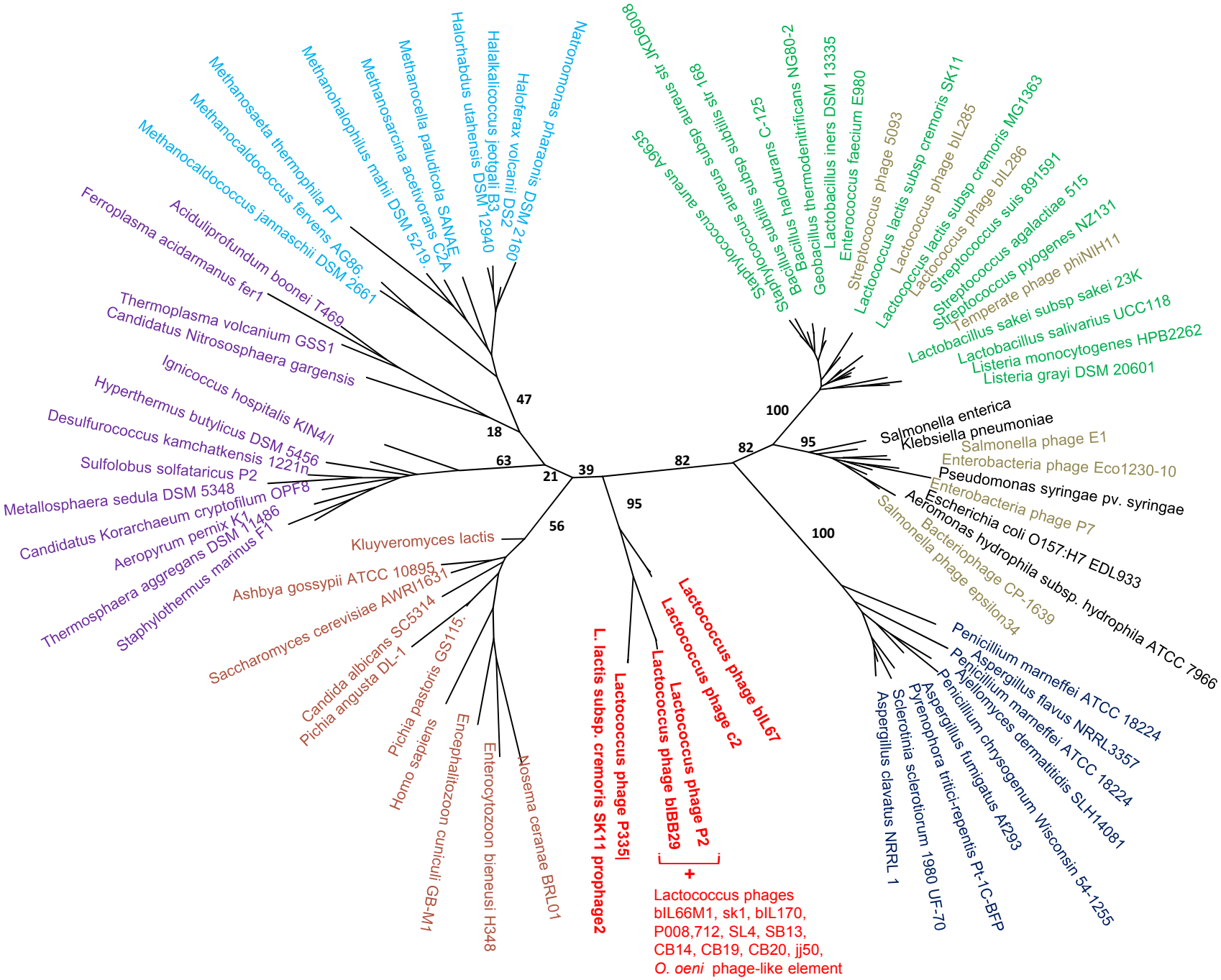
Natronomonas pharaonis DSM 2160
Haloferax volcanii DS2
Halalkalicoccus jeotgali B3
Halorhabdus utahensis DSM 12940
Methanocella paludicola SANAE
Methanosarcina acetivorans C2A
Methanohalophilus mahii DSM 5219
Methanosaeta thermophila PT
Methanocaldococcus fervens AG86
Methanocaldococcus jannaschii DSM 2661
Acidulipropfundum boonei T469
Ferroplasma acidarmanus fer1
Thermoplasma volcanium GSS1
Candidatus Nitrososphaera gargensis
Ignicoccus hospitalis KIN4/I
Hyperthermus butylicus DSM 5456
Desulfurococcus kamchatkensis 1221n
Sulfolobus solfataricus P2
Metallosphaera sedula DSM 5348
Candidatus Korarchaeum cryptofilum OPF8
Aeropyrum pernix K1
Thermosphaera aggregans DSM 11486
Staphylothermus marinus F1
Kluyveromyces lactis
Ashbya gossypii ATCC 10895
Saccharomyces cerevisiae AWRI1631
Candida albicans SC5314
Pichia angusta DL-1
Pichia pastoris GS115
Homo sapiens
Encephalitozoon cuniculi GB-M1
Enterocytozoon bieneusi H348
Nosema ceranae BRL01
L. lactis subsp. cremoris SK11 prophage2
Lactococcus phage P335
Lactococcus phage bIBB29
Lactococcus phage P2
Lactococcus phage c2
Lactococcus phage bIL67
+
Lactococcus phages
bIL66M1, sk1, bIL170,
P008,712, SL4, SB13,
CB14, CB19, CB20, jj50,
O. oeni phage-like element
Staphylococcus aureus A9635
Staphylococcus aureus subsp aureus str JKD6008
Bacillus subtilis subsp subtilis str 168
Bacillus halodurans C-125
Bacillus thermodenitrificans NG80-2
Geobacillus iners DSM 13335
Lactobacillus salivarius UCC118
Enterococcus faecium E980
Streptococcus phage 5093
Lactococcus phage bIL285
Lactococcus lactis subsp cremoris SK11
Lactococcus lactis subsp cremoris MG1363
Lactococcus phage bIL286
Streptococcus suis 891591
Streptococcus agalactiae 515
Streptococcus pyogenes NZ131
Temperate phage phiNIH11
Lactobacillus sakei subsp sakei 23K
Lactobacillus salivarius UCC118
Listeria monocytogenes HPB2262
Listeria grayi DSM 20601
Salmonella enterica
Klebsiella pneumoniae
Salmonella phage E1
Enterobacteria phage Eco1230-10
Pseudomonas syringae pv. syringae
Enterobacteria phage P7
Escherichia coli O157:H7 EDL933
Aeromonas hydrophila subsp. hydrophila ATCC 7966
Salmonella phage epsilon34
Bacteriophage CP-1639
Penicillium marneffei ATCC 18224
Aspergillus flavus NRRL3357
Penicillium marneffei ATCC 18224
Ajellomyces dermatitidis SLH14081
Penicillium chrysogenum Wisconsin 54-1255
Aspergillus fumigatus Af293
Pyrenophora tritici-repentis Pt-1C-BFP
Sclerotinia sclerotiorum 1980 UF-70
Aspergillus clavatus NRRL 1
47
18
63
21
39
56
95
82
82
100
95
100