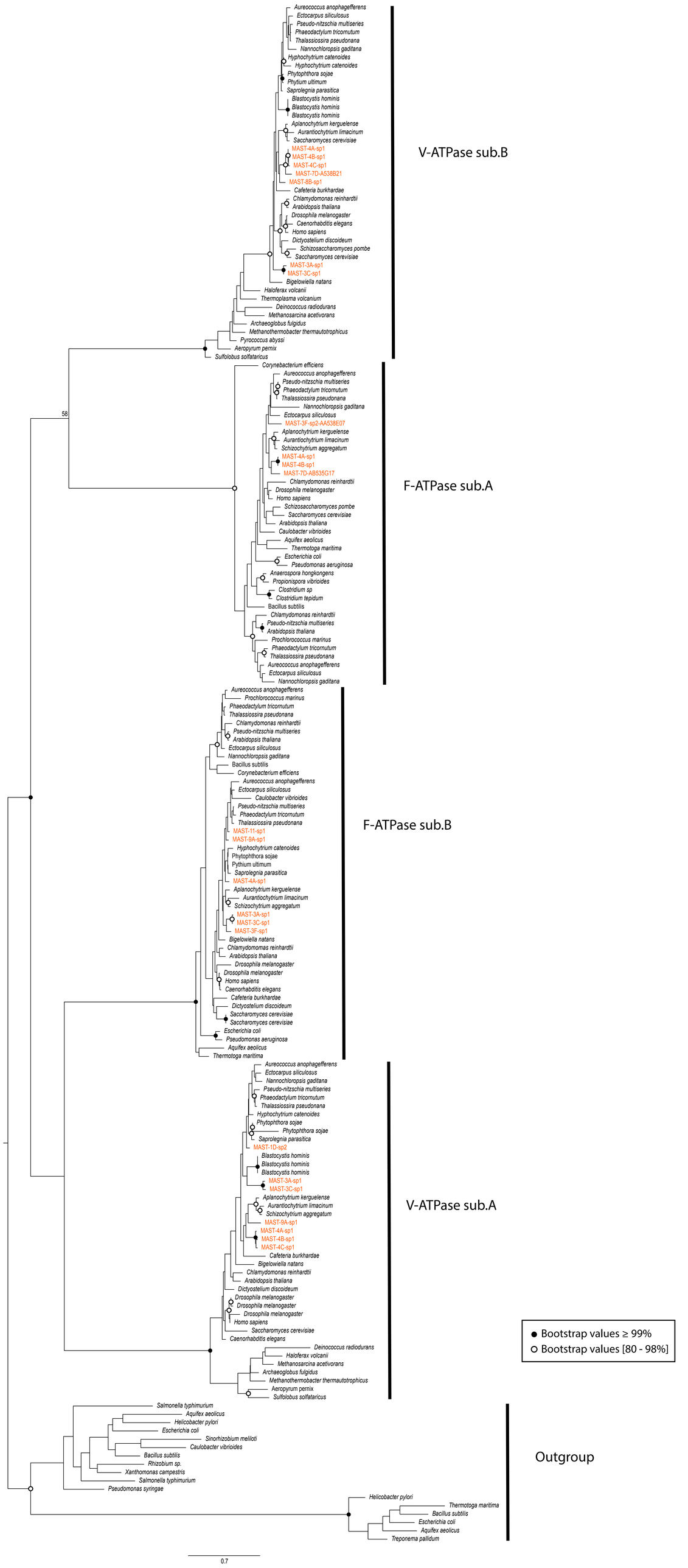
Aureococcus anophagefferens
Ectocarpus siliculosus
Pseudo-nitzschia multiseries
Phaeodactylum tricornutum
Thalassiossira pseudonana
Nannochloropsis gaditana
Hyphochytrium catenoides
Hyphochytrium catenoides
Phytophthora sojae
Phytium ultimum
Saprolegnia parasitica
Blastocystis hominis
Blastocystis hominis
Blastocystis hominis
Aplanochytrium kerguelense
Aurantiochytrium limacinum
Saccharomyces cerevisiae
MAST-4A-sp1
MAST-4B-sp1
MAST-4C-sp1
MAST-7D-A538B21
MAST-8B-sp1
Cafeteria burkhardae
Chlamydomonas reinhardtii
Arabidopsis thaliana
Drosophila melanogaster
Caenorhabditis elegans
Homo sapiens
Dictyostelium discoideum
Schizosaccharomyces pombe
Saccharomyces cerevisiae
MAST-3A-sp1
MAST-3C-sp1
Bigelowiella natans
Haloferax volcanii
Thermoplasma volcanium
Deinococcus radiodurans
Methanosarcina acetivorans
Archaeoglobus fulgidus
Methanothermobacter thermautotrophicus
Pyrococcus abyssi
Aeropyrum pernix
Sulfolobus solfataricus
V-ATPase sub.B
58
Corynebacterium efficiens
Aureococcus anophagefferens
Pseudo-nitzschia multiseries
Phaeodactylum tricornutum
Thalassiossira pseudonana
Nannochloropsis gaditana
Ectocarpus siliculosus
MAST-3F-sp2-AA538E07
Aplanochytrium kerguelense
Aurantiochytrium limacinum
Schizochytrium aggregatum
MAST-4A-sp1
MAST-4B-sp1
MAST-7D-AB535G17
Chlamydomonas reinhardtii
Drosophila melanogaster
Homo sapiens
Schizosaccharomyces pombe
Saccharomyces cerevisiae
Arabidopsis thaliana
Caulobacter vibrioides
Aquifex aeolicus
Thermotoga maritima
Escherichia coli
Pseudomonas aeruginosa
Anaerospora hongkongens
Propionispora vibrioides
Clostridium sp
Clostridium tepidum
Bacillus subtilis
Chlamydomonas reinhardtii
Pseudo-nitzschia multiseries
Arabidopsis thaliana
Prochlorococcus marinus
Phaeodactylum tricornutum
Thalassiossira pseudonana
Aureococcus anophagefferens
Ectocarpus siliculosus
Nannochloropsis gaditana
F-ATPase sub.A
Aureococcus anophagefferens
Prochlorococcus marinus
Phaeodactylum tricornutum
Thalassiossira pseudonana
Chlamydomonas reinhardtii
Pseudo-nitzschia multiseries
Arabidopsis thaliana
Ectocarpus siliculosus
Nannochloropsis gaditana
Bacillus subtilis
Corynebacterium efficiens
Aureococcus anophagefferens
Ectocarpus siliculosus
Caulobacter vibrioides
Pseudo-nitzschia multiseries
Phaeodactylum tricornutum
Thalassiossira pseudonana
MAST-11-sp1
MAST-9A-sp1
Hyphochytrium catenoides
Phytophthora sojae
Pythium ultimum
Saprolegnia parasitica
MAST-4A-sp1
Aplanochytrium kerguelense
Aurantiochytrium limacinum
Schizochytrium aggregatum
MAST-3A-sp1
MAST-3C-sp1
MAST-3F-sp1
Bigelowiella natans
Chlamydomonas reinhardtii
Arabidopsis thaliana
Drosophila melanogaster
Drosophila melanogaster
Homo sapiens
Caenorhabditis elegans
Cafeteria burkhardae
Dictyostelium discoideum
Saccharomyces cerevisiae
Saccharomyces cerevisiae
Escherichia coli
Pseudomonas aeruginosa
Aquifex aeolicus
Thermotoga maritima
F-ATPase sub.B
Aureococcus anophagefferens
Ectocarpus siliculosus
Nannochloropsis gaditana
Pseudo-nitzschia multiseries
Phaeodactylum tricornutum
Thalassiossira pseudonana
Hyphochytrium catenoides
Phytophthora sojae
Phytophthora sojae
Saprolegnia parasitica
MAST-1D-sp2
Blastocystis hominis
Blastocystis hominis
Blastocystis hominis
MAST-3A-sp1
MAST-3C-sp1
Aplanochytrium kerguelense
Aurantiochytrium limacinum
Schizochytrium aggregatum
MAST-9A-sp1
MAST-4A-sp1
MAST-4B-sp1
MAST-4C-sp1
Cafeteria burkhardae
Bigelowiella natans
Chlamydomonas reinhardtii
Arabidopsis thaliana
Dictyostelium discoideum
Drosophila melanogaster
Drosophila melanogaster
Drosophila melanogaster
Homo sapiens
Saccharomyces cerevisiae
Caenorhabditis elegans
Deinococcus radiodurans
Haloferax volcanii
Methanosarcina acetivorans
Archaeoglobus fulgidus
Methanothermobacter thermautotrophicus
Aeropyrum pernix
Sulfolobus solfataricus
V-ATPase sub.A
Bootstrap values ≥ 99%
Bootstrap values [80 - 98%]
Salmonella typhimurium
Aquifex aeolicus
Helicobacter pylori
Escherichia coli
Sinorhizobium melliloti
Caulobacter vibrioides
Bacillus subtilis
Rhizobium sp.
Xanthomonas campestris
Salmonella typhimurium
Pseudomonas syringae
Helicobacter pylori
Thermotoga maritima
Bacillus subtilis
Escherichia coli
Aquifex aeolicus
Treponema pallidum
Outgroup
0.7