

Significant with  
P-value = 0.05

No

Yes

authors

species host

region

genus

growth form

health status

seq method

Rhodothermaeota  
Balneolaeota  
Ca. Bipolaricaulota  
Ca. division Zixibacteria  
Ca. Doudnabacteria  
Ca. Heimdallarchaeota  
Ca. Portnoyabacteria  
Ca. Woesearchaeota  
Ca. Zambryskibacteria  
Aquificae  
Ca. Azambacteria  
Ca. Bathyarchaeota  
Ca. Berkelbacteria  
Ca. Buchananbacteria  
Ca. Coatesbacteria  
Ca. Curtissbacteria  
Ca. Dadabacteria  
Ca. Daviesbacteria  
Ca. Desantisbacteria  
Ca. division WOR 3  
Ca. division WVE3  
Ca. Gracilbacteria  
Ca. Handelsmanbacteria  
Ca. Hydrogenedentes  
Ca. Jorgensenbacteria  
Ca. Komelilbacteria  
Ca. Liptonbacteria  
Ca. Pacebacteria  
Ca. Schekmanbacteria  
Ca. Ca. Shapirobacteria  
Ca. Staskawiczbacteria  
Ca. Taylorbacteria  
Ca. Veulenbacteria  
Ca. Wolfebacteria  
Zetaproteobacteria  
Acidobacteria  
Bacteroidetes  
Betaproteobacteria  
Ca. Abawacabacteria  
Ca. Adlerbacteria  
Ca. Aenigmarchaeota  
Ca. Aminicenantes  
Ca. Andersenbacteria  
Ca. Atribacteria  
Ca. Campbellbacteria  
Ca. Chisholmbacteria  
Ca. Colwellbacteria  
Ca. Diapherotrites  
Ca. division NC.10  
Ca. Fermentibacteria  
Ca. Giovannonibacteria  
Ca. Glassbacteria  
Ca. Harrisonbacteria  
Ca. Kerfeldbacteria  
Ca. Latescibacteria  
Ca. Lindowbacteria  
Ca. Lloydbacteria  
Ca. Loklarchaeota  
Ca. Margulisbacteria  
Ca. Marinimicrobia  
Ca. Muproteobacteria  
Ca. Neelsonbacteria  
Ca. Niyogibacteria  
Ca. Raymondobacteria  
Ca. Riflebacteria  
Ca. Rokubacteria  
Ca. Ryanbacteria  
Ca. Terrybacteria  
Ca. Unrbacteria  
Ca. Wirthbacteria  
Ca. Woykebacteria  
Ca. Yanoftskybacteria  
Caldiserica  
Calditrichaeota  
Chloroflexi  
Chrysiogenetes  
Fibrobacteres  
Nanoarchaeota  
Thaumarchaeota  
Thermodesulfobacteria  
Acidithiobacillia  
Actinobacteria  
Alphaproteobacteria  
Armatimonadetes  
Ca. Amesbacteria  
Ca. Beckwithbacteria  
Ca. Blackburnbacteria  
Ca. Brennerbacteria  
Ca. Cloacimonetes  
Ca. Collierbacteria  
Ca. DeLongbacteria  
Ca. division CPR1  
Ca. division CPR2  
Ca. division CPR3  
Ca. Edwardsbacteria  
Ca. Eisenbacteria  
Ca. Falkowbacteria  
Ca. Firestonebacteria  
Ca. Fischerbacteria  
Ca. Fraserbacteria  
Ca. Gottesmanbacteria  
Ca. Jacksonbacteria  
Ca. Kaiserbacteria  
Ca. Korarchaeota  
Ca. Kuenenbacteria  
Ca. Levybacteria  
Ca. Magasanikbacteria  
Ca. Melainabacteria  
Ca. Micrarchaeota  
Ca. Moranbacteria  
Ca. Nomurabacteria  
Ca. Odinaarchaeota  
Ca. Omnitrophica  
Ca. Parcubacteria  
Ca. Parvarchaeota  
Ca. Peregrinibacteria  
Ca. Poribacteria  
Ca. Roizmanbacteria  
Ca. Saccharibacteria  
Ca. Spechtbacteria  
Ca. Sungbacteria  
Ca. Tagabacteria  
Ca. Tectomicrobia  
Ca. Thorarchaeota  
Ca. Verstraetearchaeota  
Ca. Vogelbacteria  
Ca. Wallbacteria  
Ca. Wildermuthbacteria  
Ca. Woesebacteria  
Ca. Yonathbacteria  
Chlamydiae  
Chlorobi  
Coprothermobacterota  
Crenarchaeota  
Cyanobacteria  
Deferribacteres  
Deinococcus Thermus  
Deltaproteobacteria  
Dictyoglomi  
Elusimicrobia  
Epsilonproteobacteria  
Euryarchaeota  
Firmicutes  
Fusobacteria  
Gammaproteobacteria  
Gemmatimonadetes  
Ignavibacteriae  
Kinetimatiellaeota  
Lentisphaerae  
Nitrospirae  
Nitrospinae  
Oligoflexia  
Planctomycetes  
Spirochaetes  
Synergistetes  
Tenerricutes  
Thermotogae  
Un. class in Proteobacteria  
Verrucomicrobia

Variable	Significance_ratio
authors	99.37 %
genus	98.74 %
region	98.74 %
species host	98.74 %
growth form	81.76 %
health status	71.7 %
seq method	71.07 %