

Phylum

10bav-F6 Hadarchaeota Abditibacteriota Acetothermia Halobacterota Acidobacteriota Actinobacteriota lainarchaeota Aenigmarchaeota Aerophobota Latescibacterota LCP-89 Altiarchaeota AncK6 Margulisbacteria Apal-E12 Armatimonadota Asgardarchaeota MBNT15 Bacteroidota Bdellovibrionota BHI80-139 Modulibacteria Caldatribacteriota Mvxococcota Caldisericota ΝÁ Nanoarchaeota Calditrichota Campylobacterota NB1-j Chloroflexi Nitrospinota CK-2C2-2 Nitrospirota NKB15 Cloacimonadota Patescibacteria Crenarchaeota PAUC34f Cvanobacteria Dadabacteria Planctomycetota Poribacteria Deferribacterota Deferrisomatota Proteobacteria RCP2-54 Deinococcota Dependentiae Desantisbacteria Desulfobacterota Spirochaetota Sumerlaeota DTB120 Sva0485 Edwardsbacteria Flusimicrobiota Synergistota TA06 Entotheonellaeota Eurvarchaeota FCPU426 Thermotogota TX1A-33 Fermentibacterota Fibrobacterota WOR-1 Firestonebacteria WPS-2 Firmicutes Fusobacteriota WS1 WS2 FW113 WS4 GAL15 Gemmatimonadota | 7ixibacteria **GN01**

Halanaerobiaeota Hydrogenedentes Hydrothermarchaeota Marinimicrobia (SAR406 clade) MAT-CR-M4-B07 Methylomirabilota Micrarchaeota SAR324 clade(Marine group B) Schekmanbacteria Thermoplasmatota Verrucomicrobiota