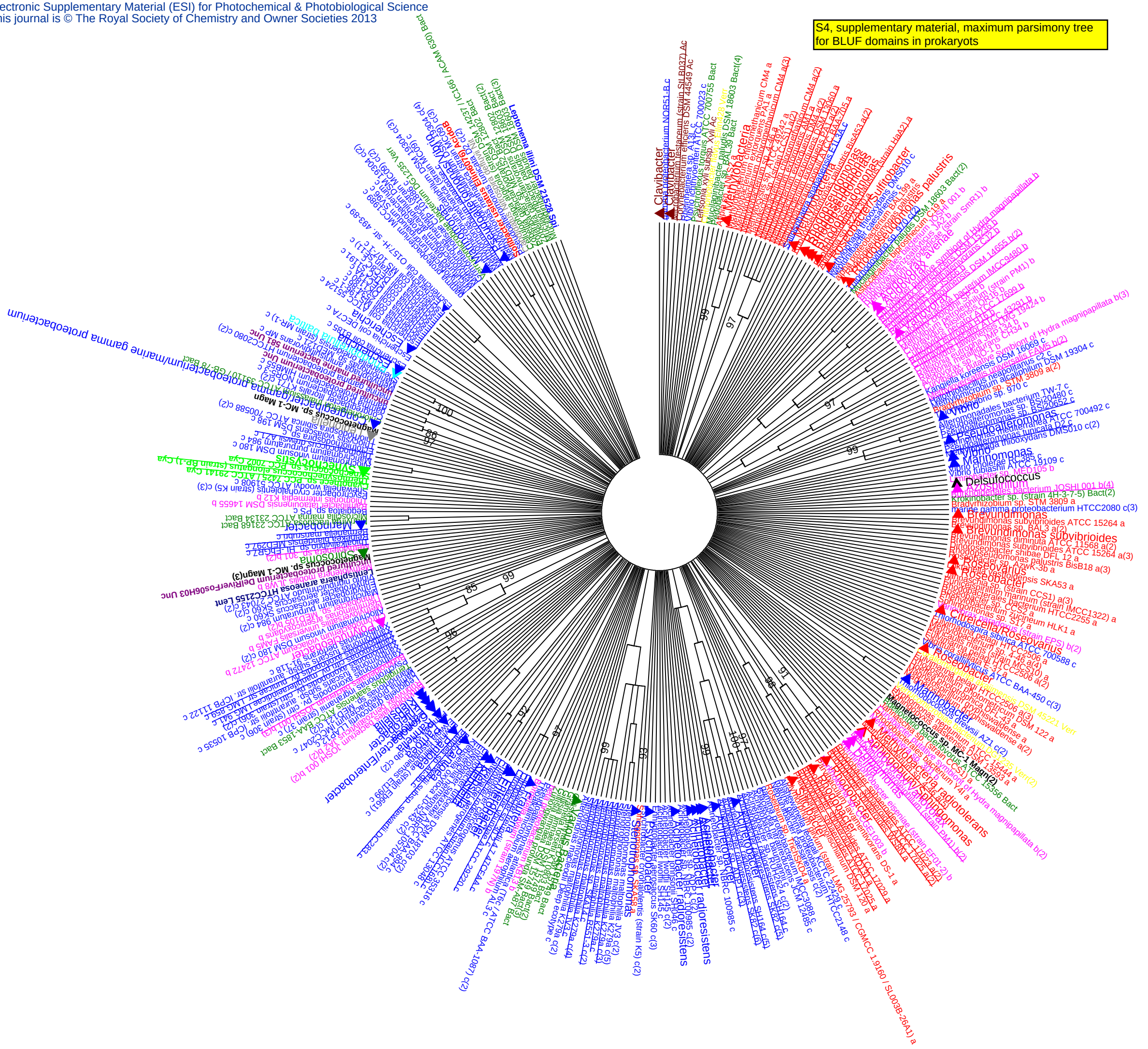
S4, supplementary material, maximum parsimony tree for BLUF domains in prokaryots


Clavibacter
Methylobacteria
Rhodobacteraceae
Rhodobacter
Rhodopseudomonas
Rhodopseudomonas palustris
Acidovorax avenae
Acidovorax
Pseudomonas
Vibrio
Marinomonas
Delsufococcus
Brevundimonas
Brevundimonas subvibrioides
Roseovarius
Roseobacter
Citreicella/Roseovarius
Magnetococcus sp. MC-1 Magn(2)
Magnetococcus sp. MC-1 Magn
Leptonema illini DSM 21528 SBi
Elusimicrobia
Spirochaetes
Bacteroidetes
Chlorobi
Fusobacteria
Verrucomicrobia
Planctomycetes
Chlamydiae
Deinococcus-Thermus
Cyanobacteria
Firmicutes
Actinobacteria
Gammaproteobacteria
Betaproteobacteria
Alphaproteobacteria
Deltaproteobacteria
Epsilonproteobacteria
Escherichia
Escherichia/Shigella
Enterobacter
Klebsiella
Pantoea
Salmonella
Yersinia
Pasteurella
Haemophilus
Aeromonas
Shewanella
Alteromonas
Pseudoalteromonas
Vibrio
Marinomonas
Pseudomonas
Azotobacter
Azotobacter vinelandii
Azotobacter chroococcum
Azotobacter beijerinckii
Azotobacter salinestris
Azotobacter nigricans
Azotobacter paspali
Azotobacter sp.
Azotobacter vinelandii DJ
Azotobacter vinelandii AvOP
Azotobacter vinelandii CA
Azotobacter vinelandii CA6
Azotobacter vinelandii AvOP1
Azotobacter vinelandii DJ1
Azotobacter vinelandii DJ2
Azotobacter vinelandii DJ3
Azotobacter vinelandii DJ4
Azotobacter vinelandii DJ5
Azotobacter vinelandii DJ6
Azotobacter vinelandii DJ7
Azotobacter vinelandii DJ8
Azotobacter vinelandii DJ9
Azotobacter vinelandii DJ10
Azotobacter vinelandii DJ11
Azotobacter vinelandii DJ12
Azotobacter vinelandii DJ13
Azotobacter vinelandii