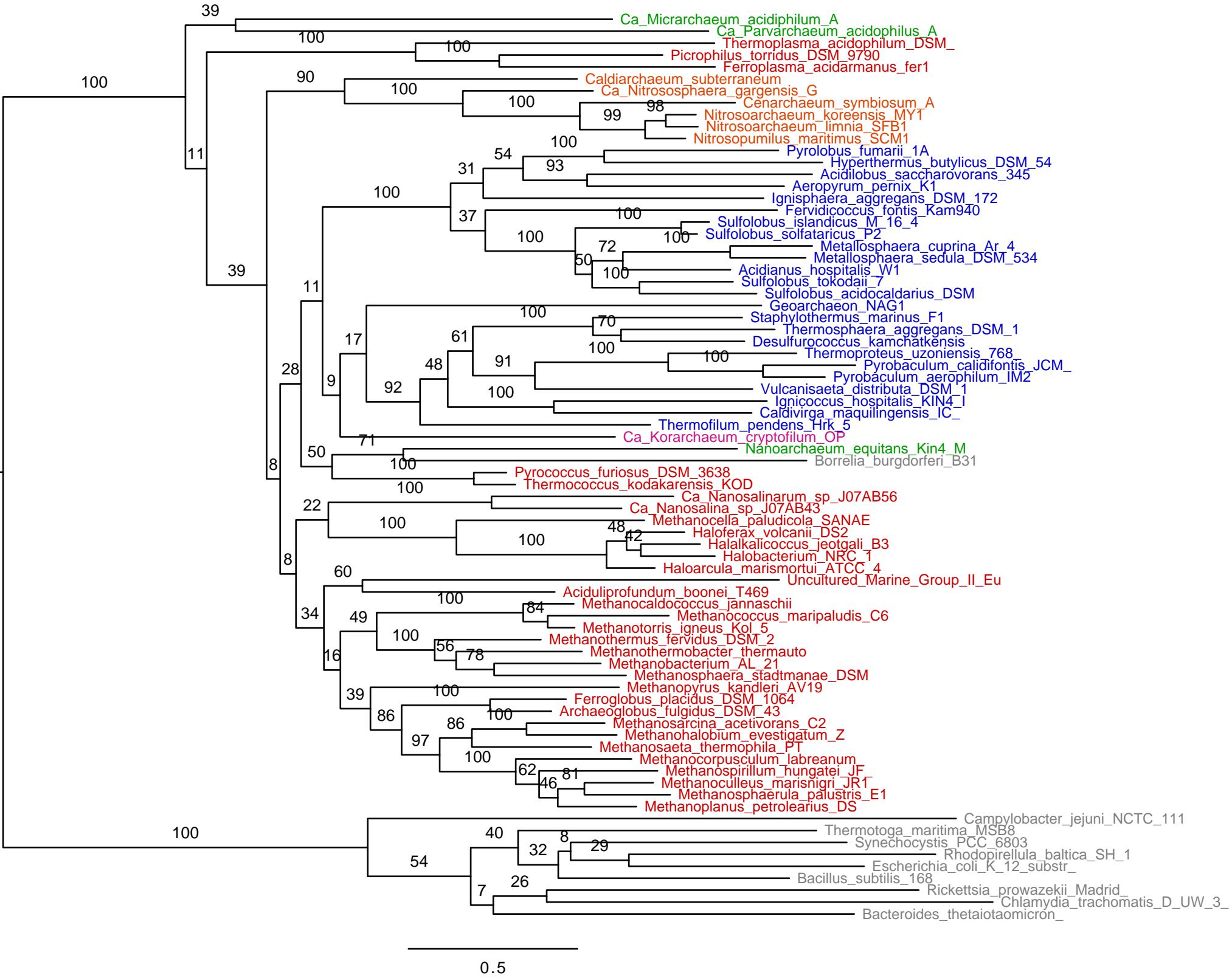
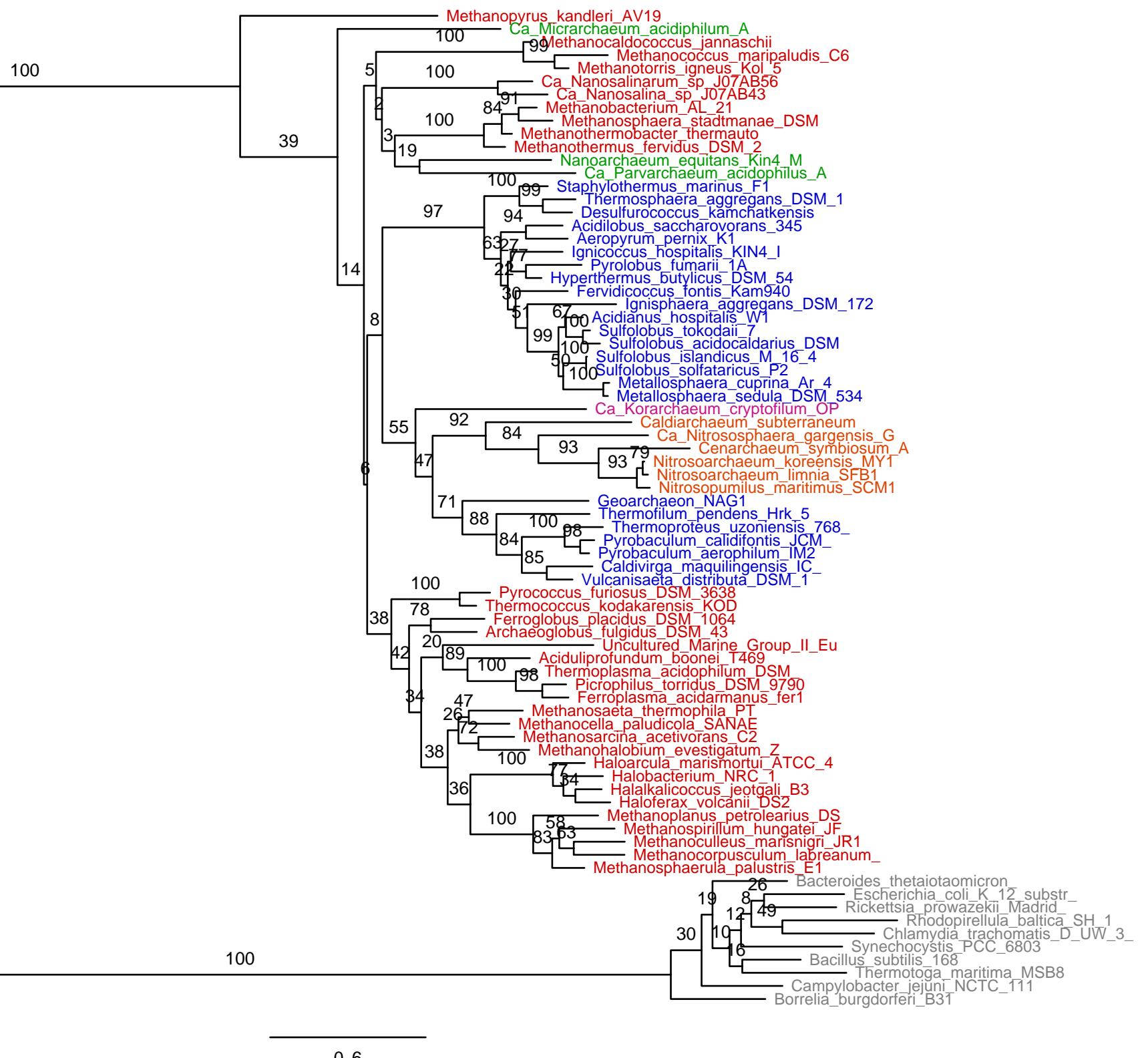


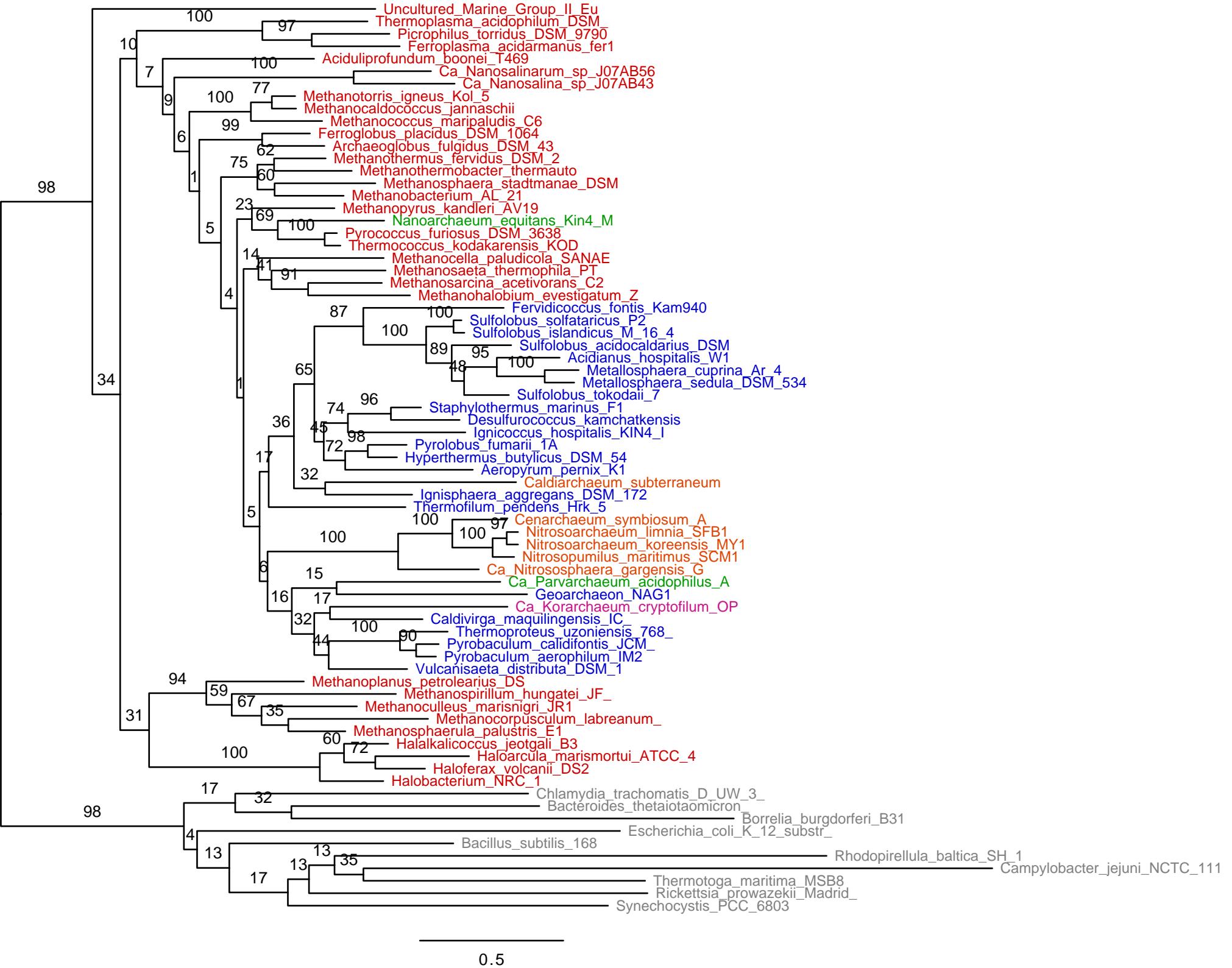
## ML phylogeny of arCOG00405: Glycyl-tRNA synthetase (class II)

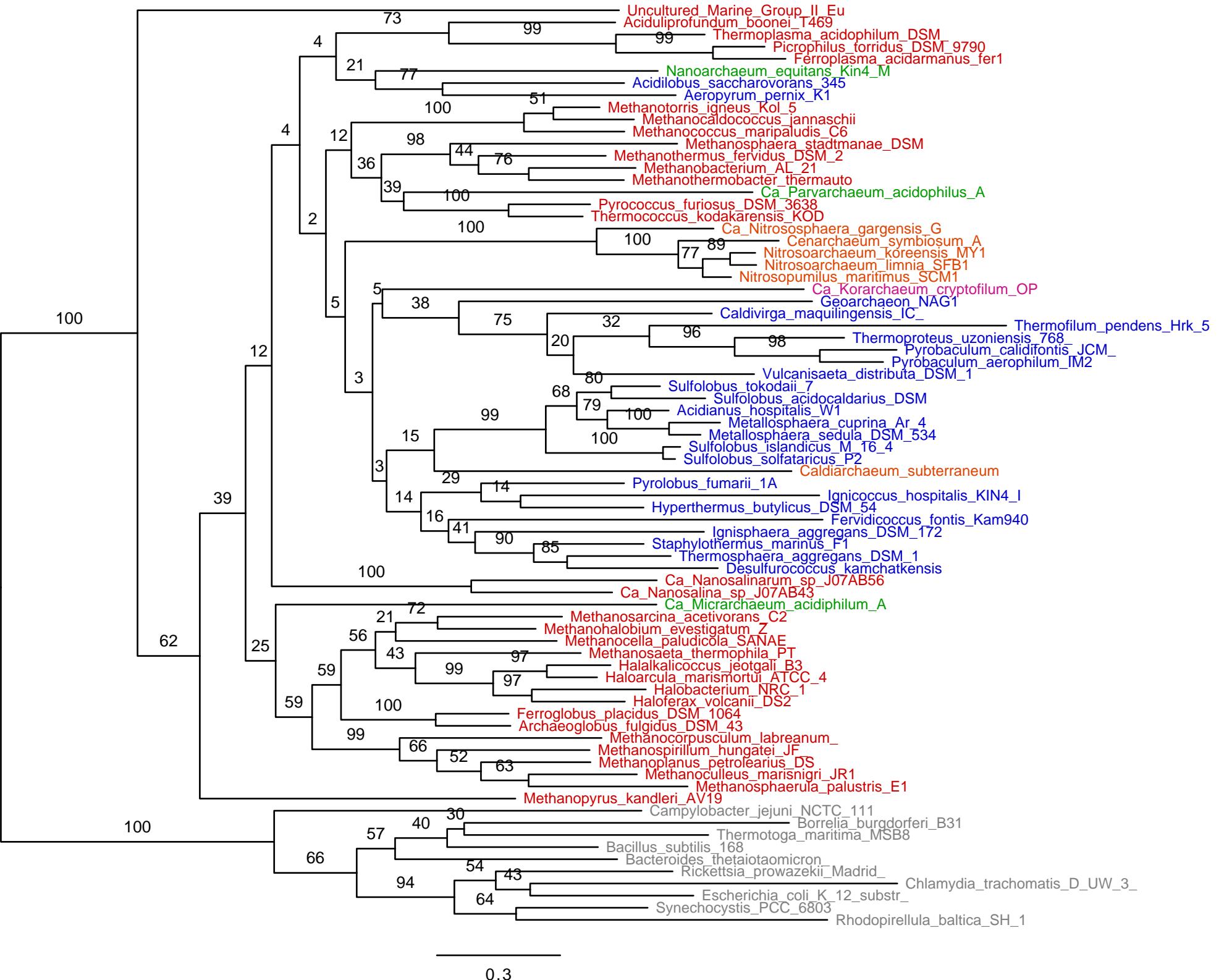


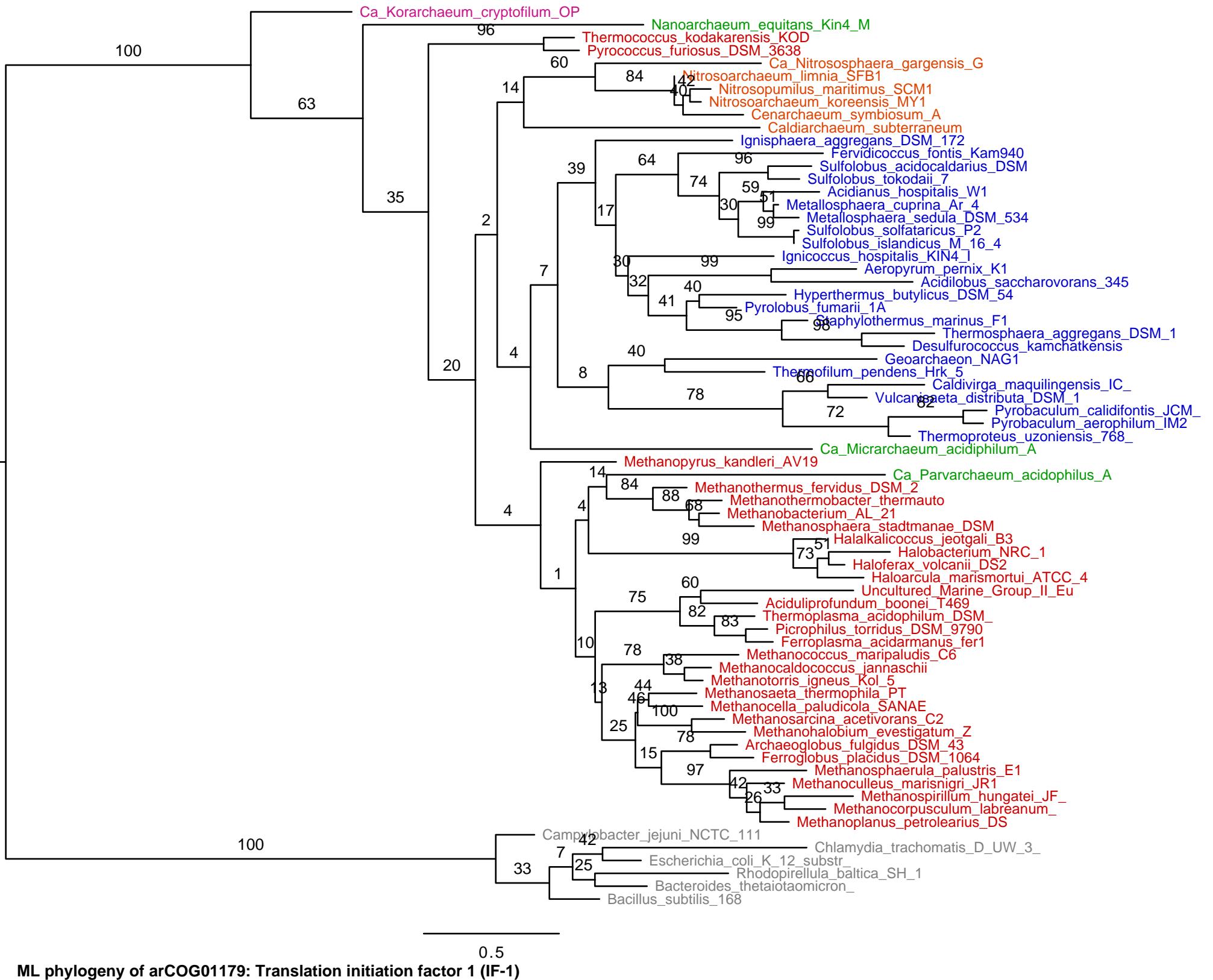
## ML phylogeny of arCOG00412: Phenylalanyl-tRNA synthetase beta subunit

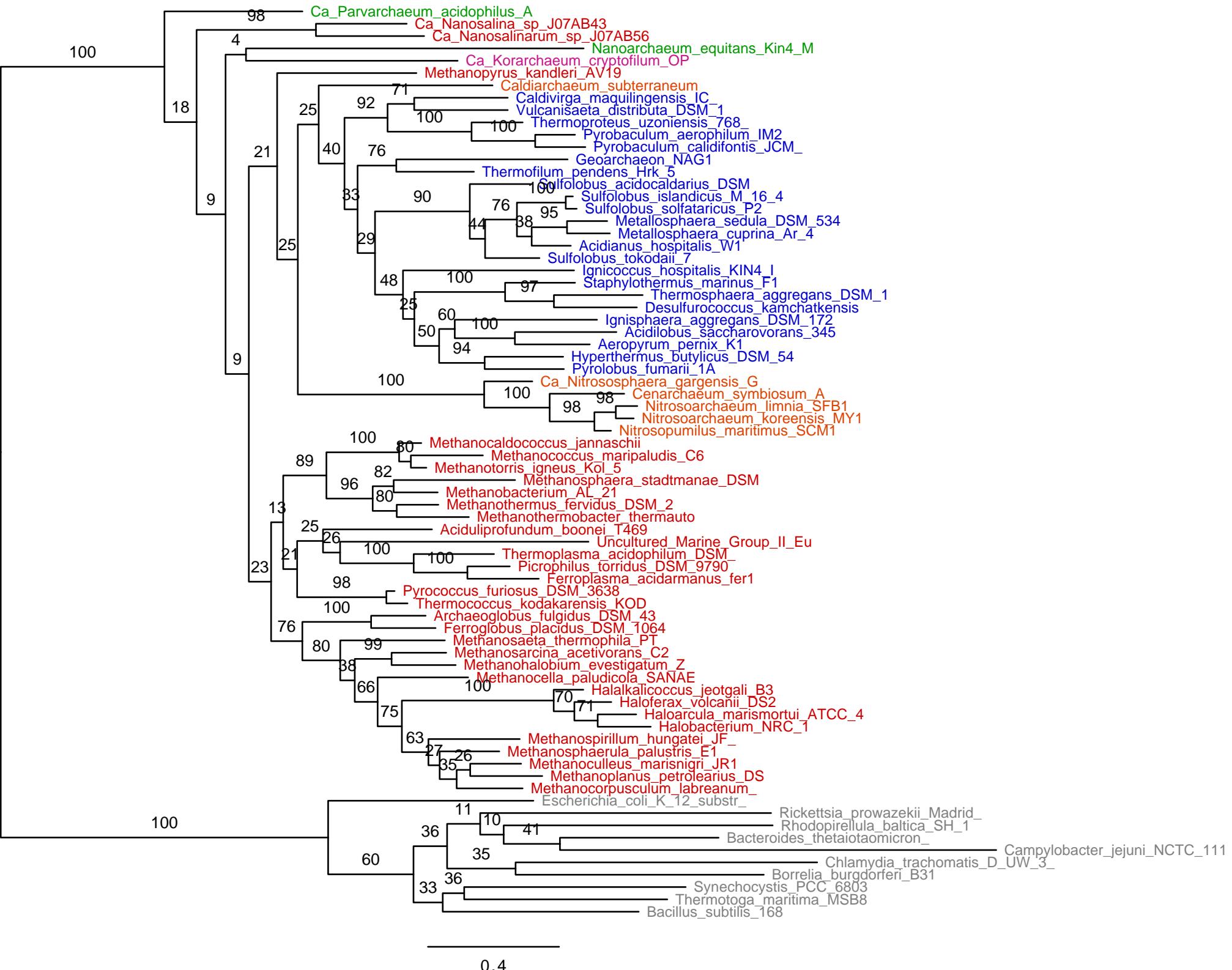


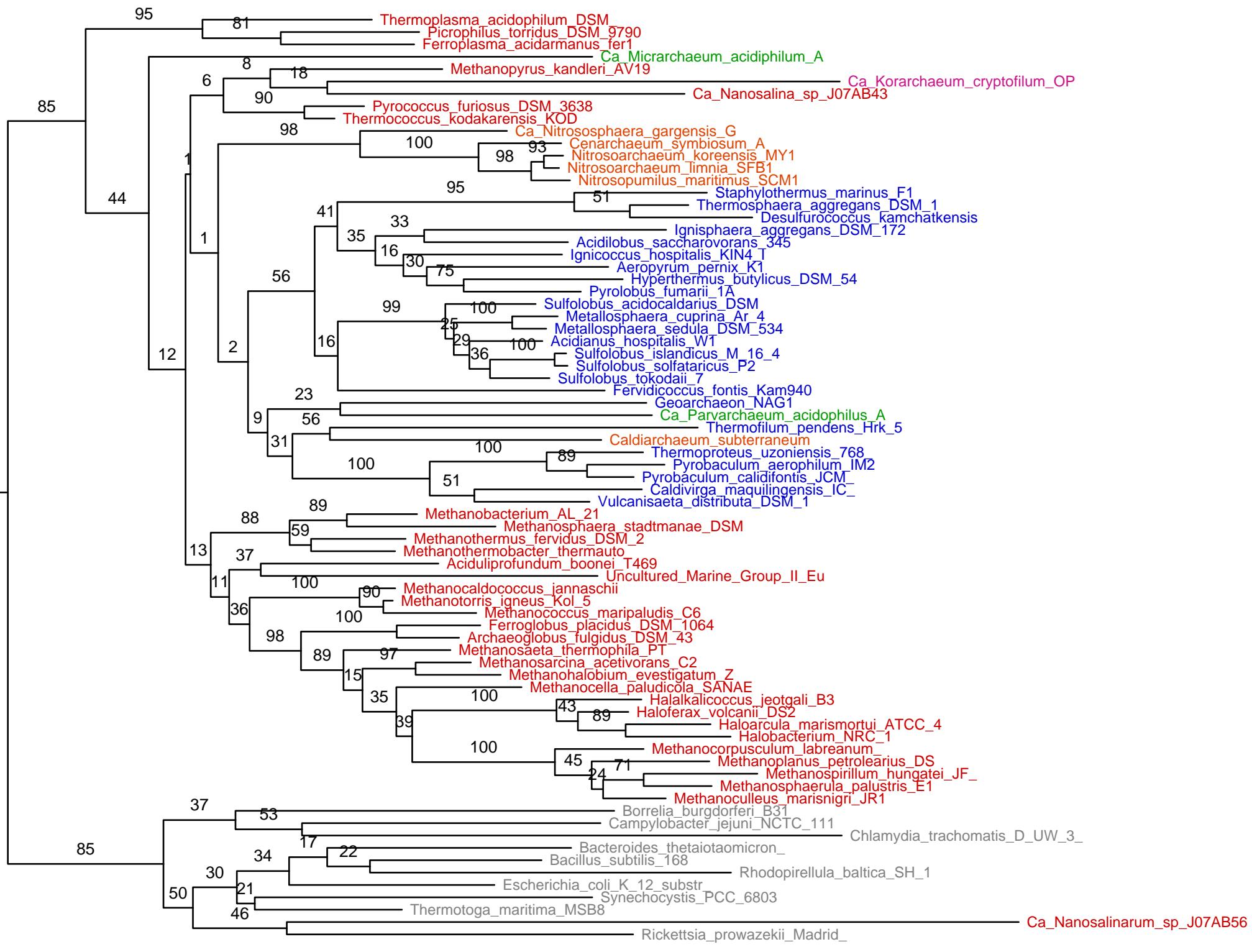
## ML phylogeny of arCOG00415: RecA/RadA recombinase

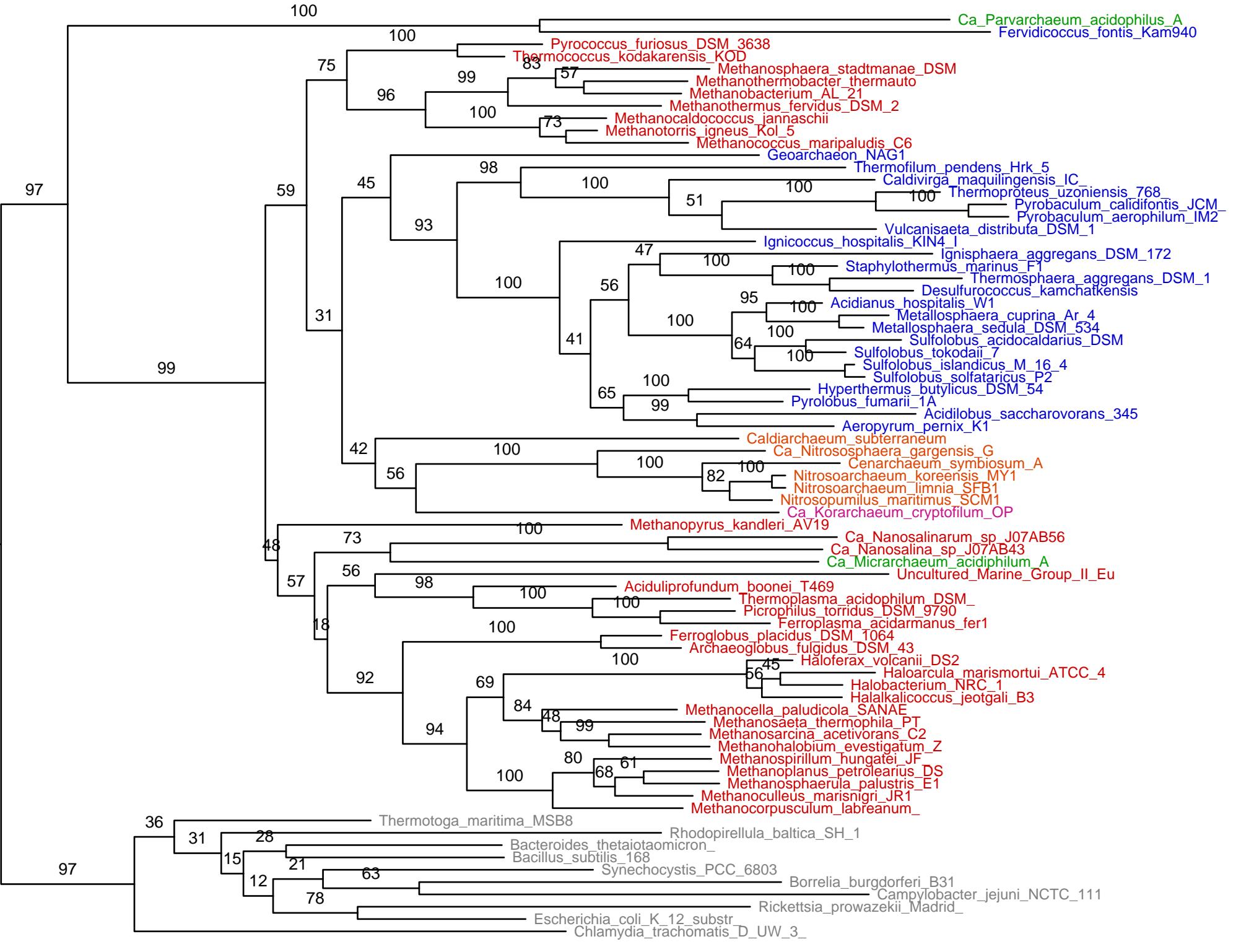


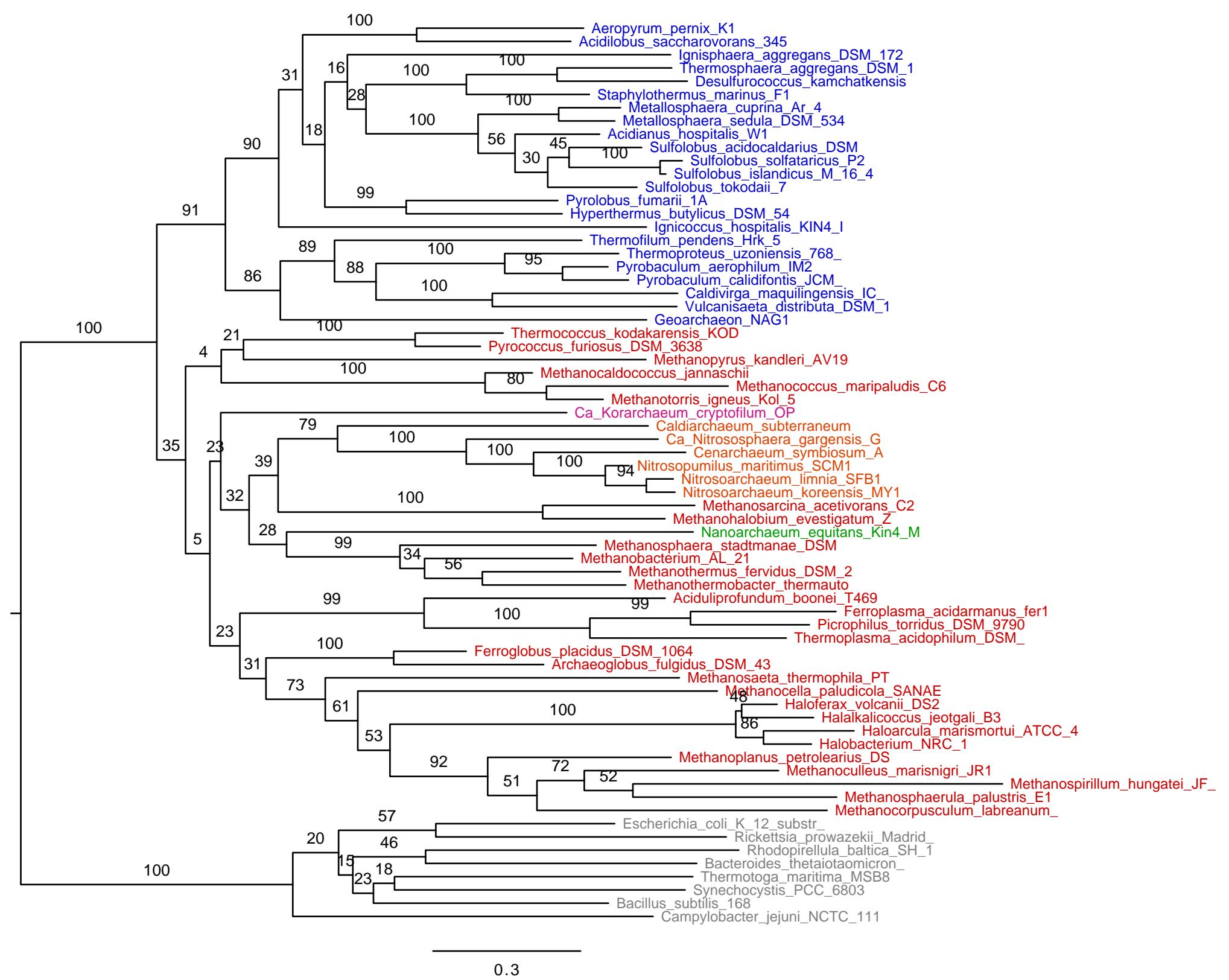


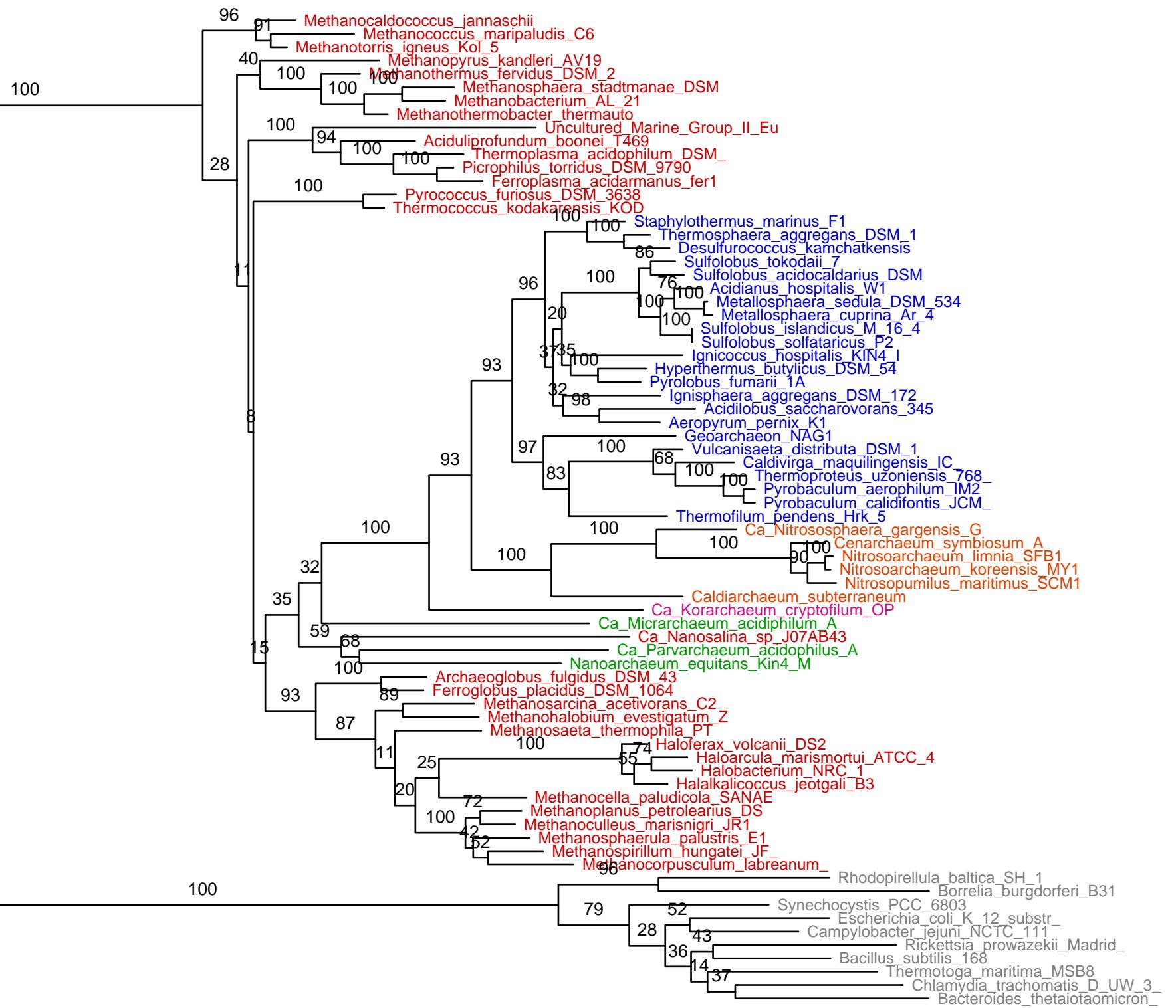


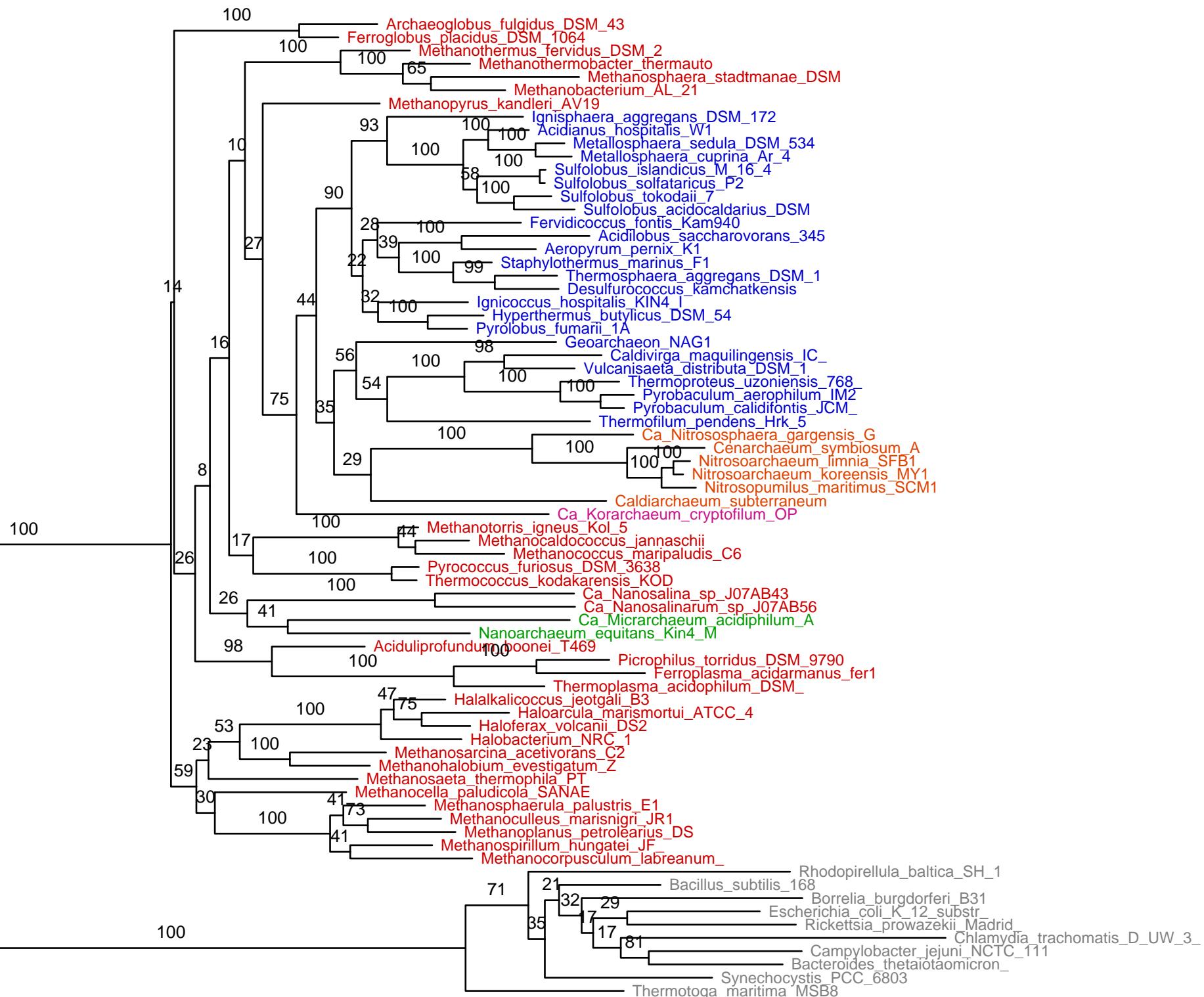


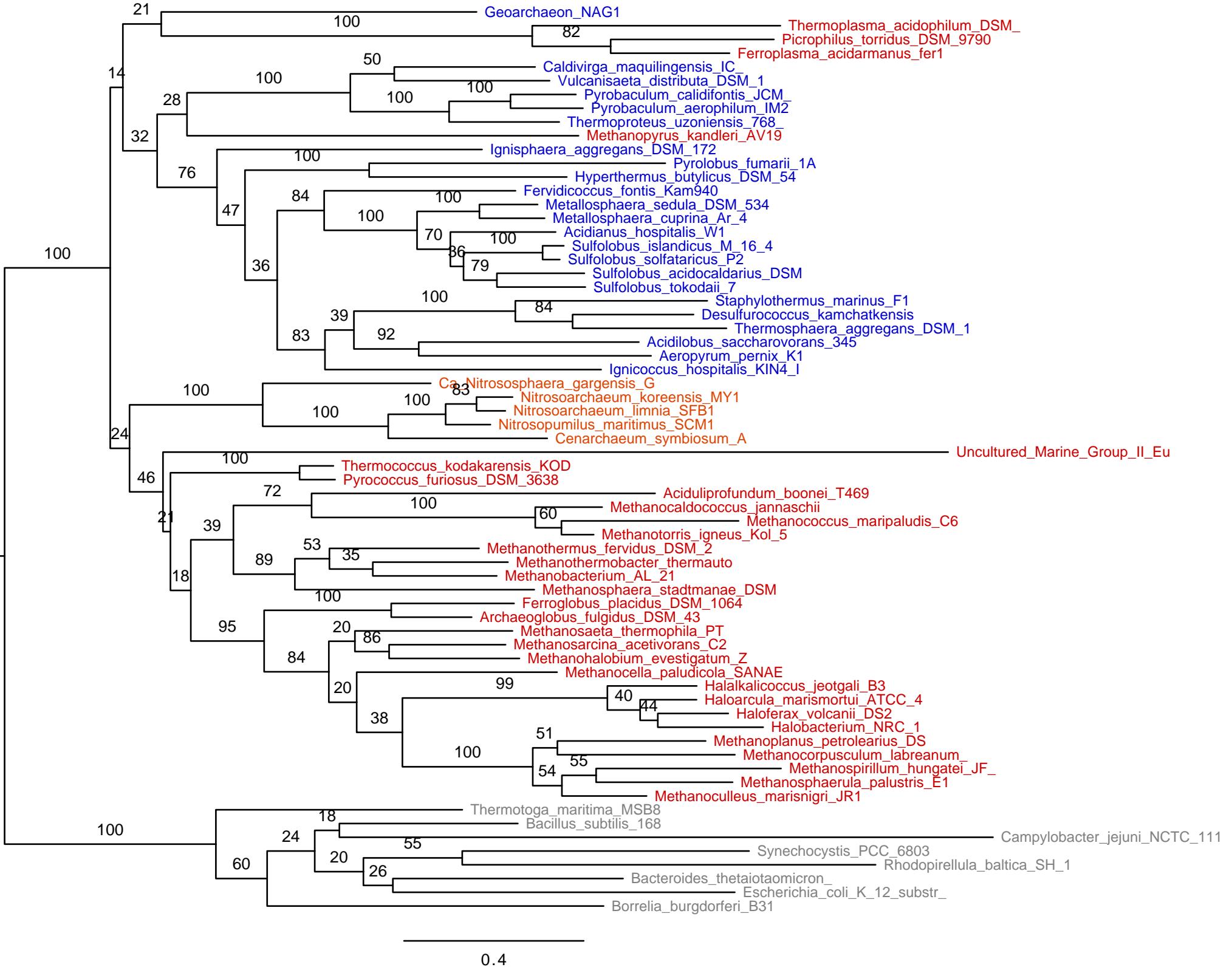


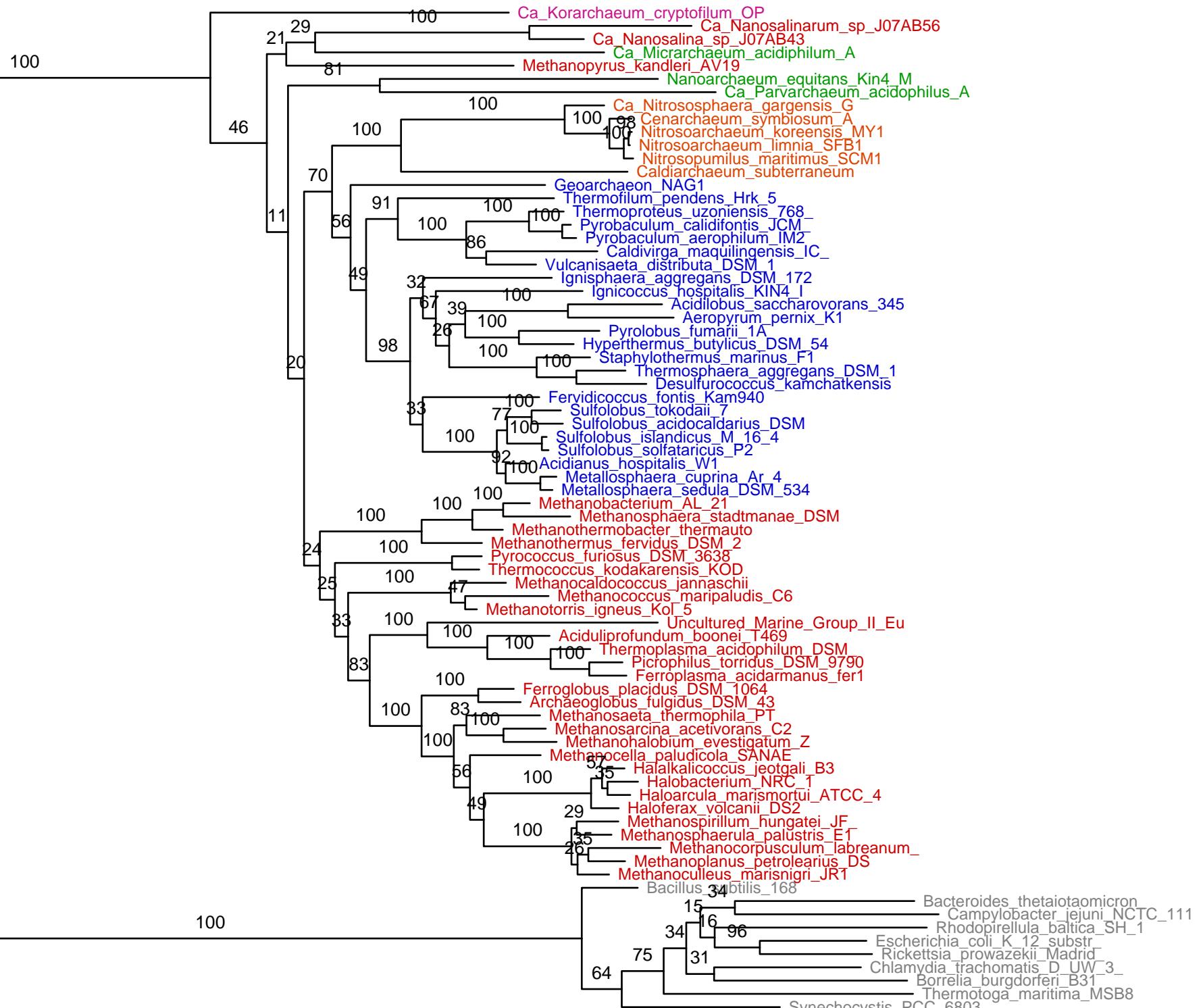


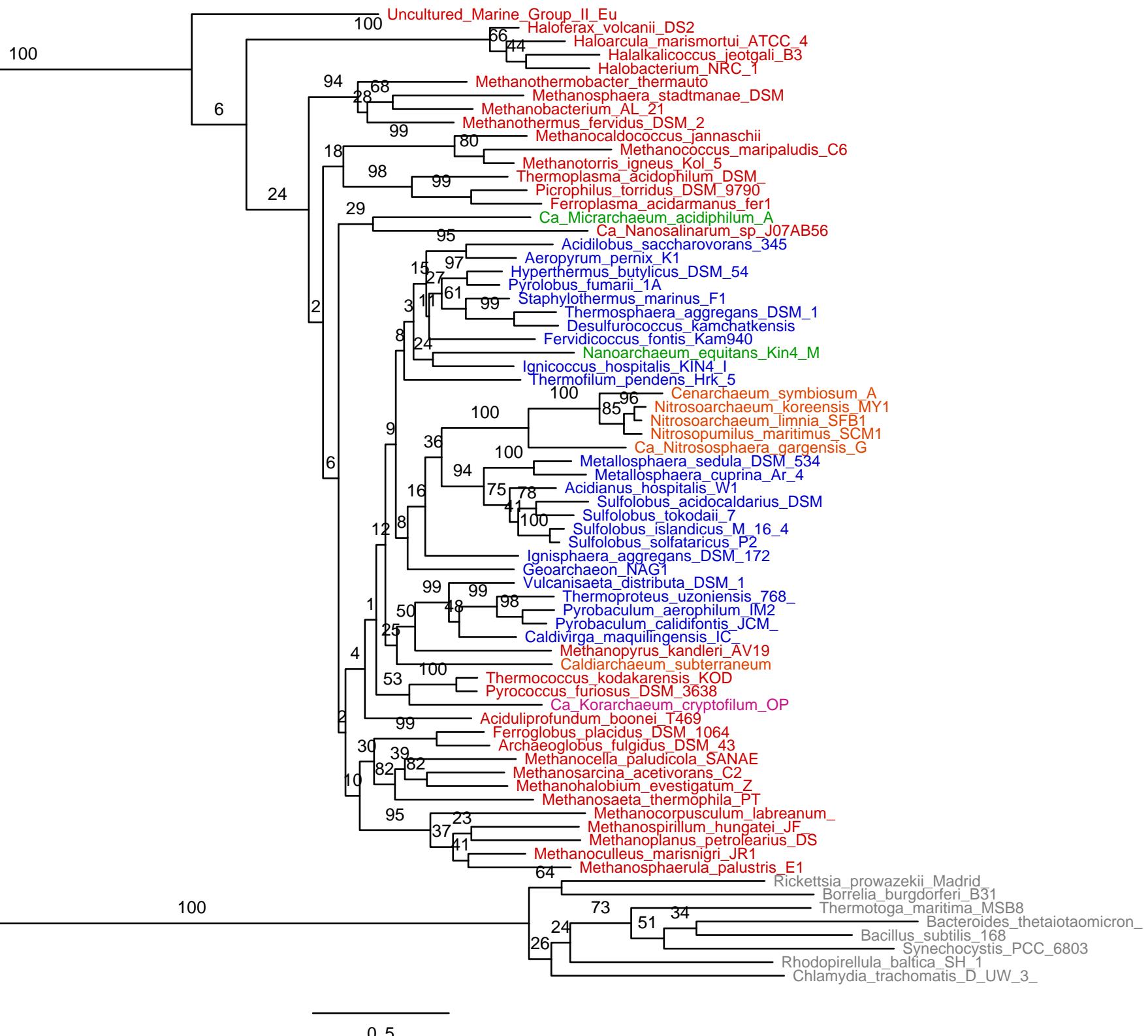




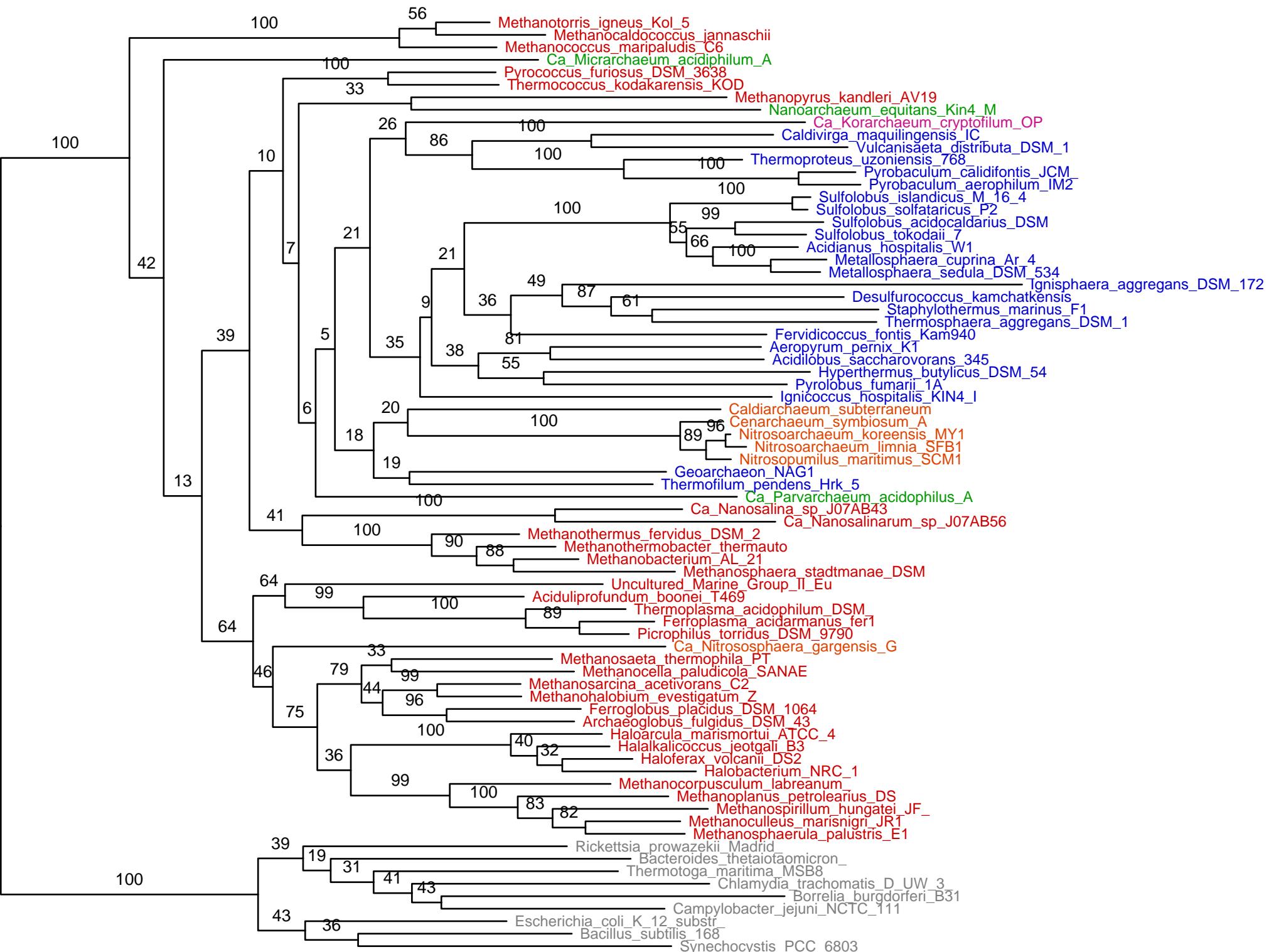


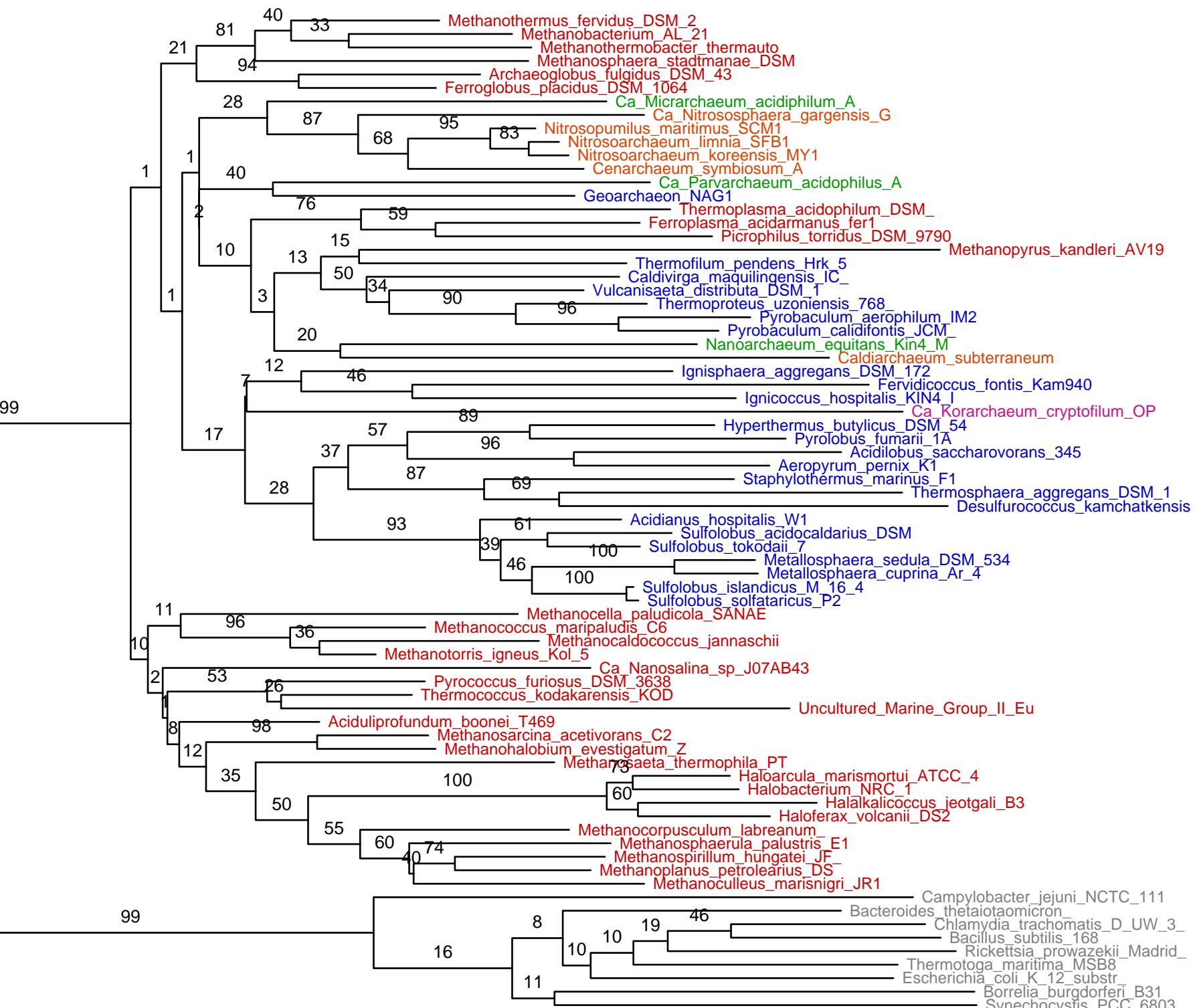




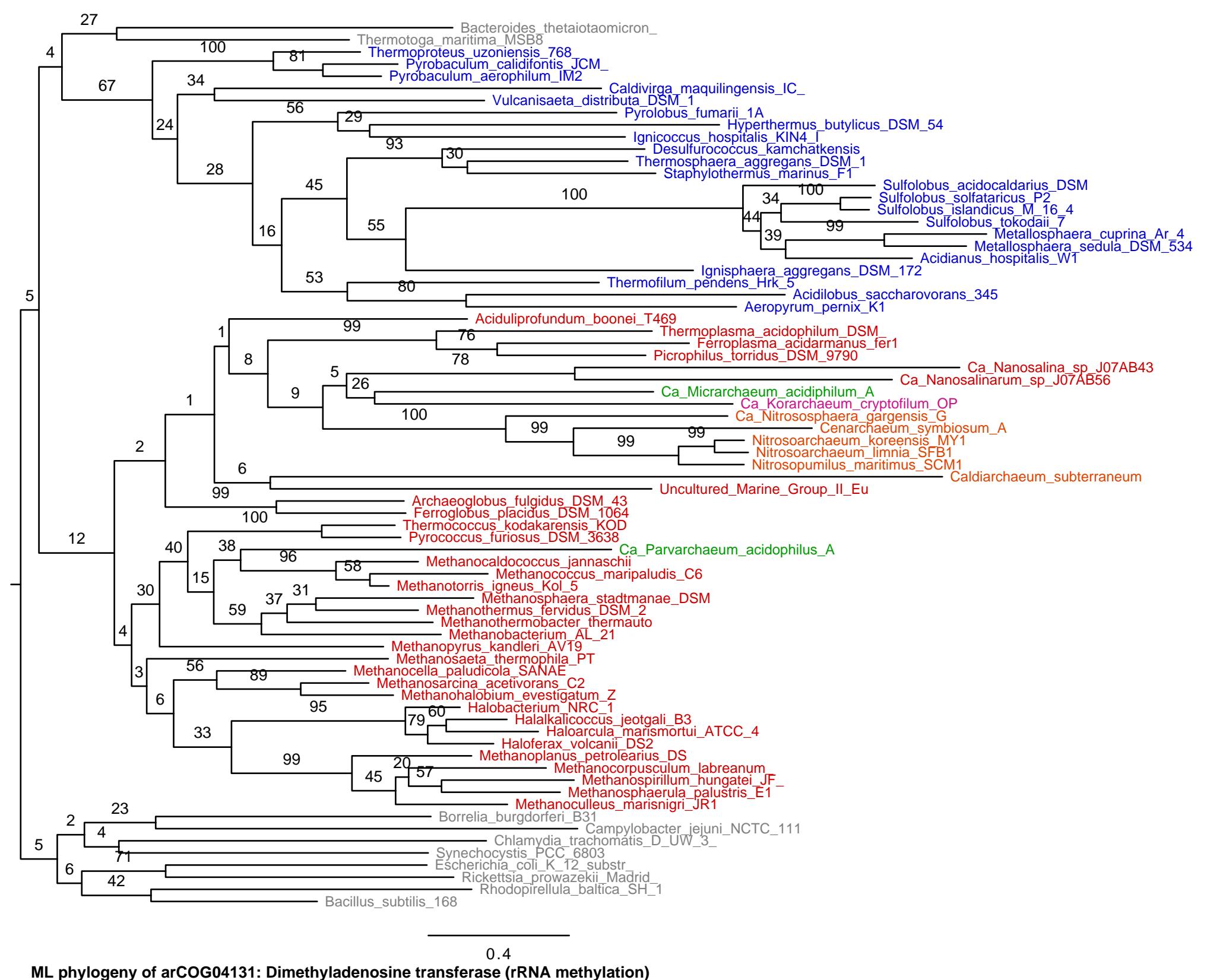


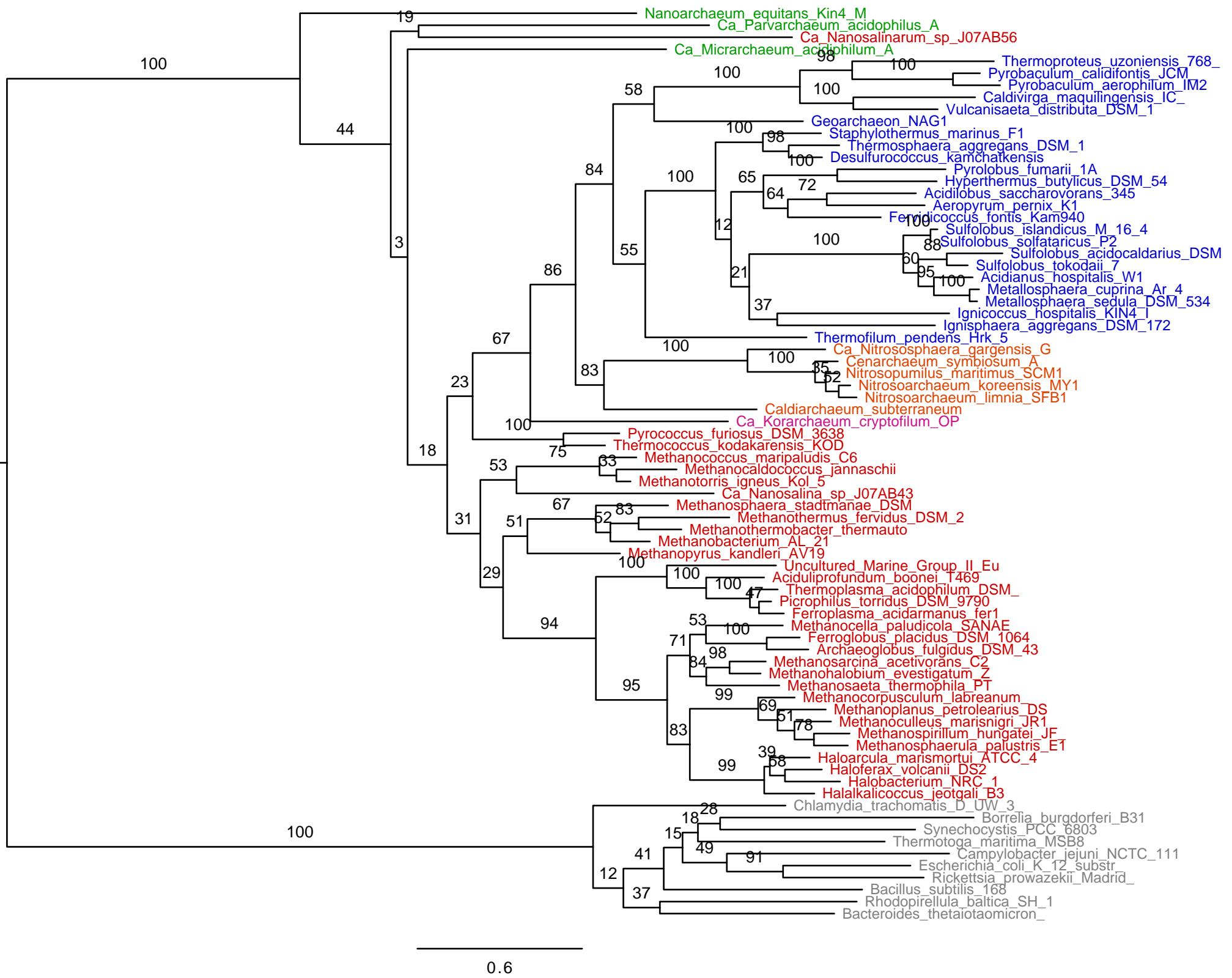
## ML phylogeny of arCOG04050: 5'-3' exonuclease (including N-terminal domain of Poll)



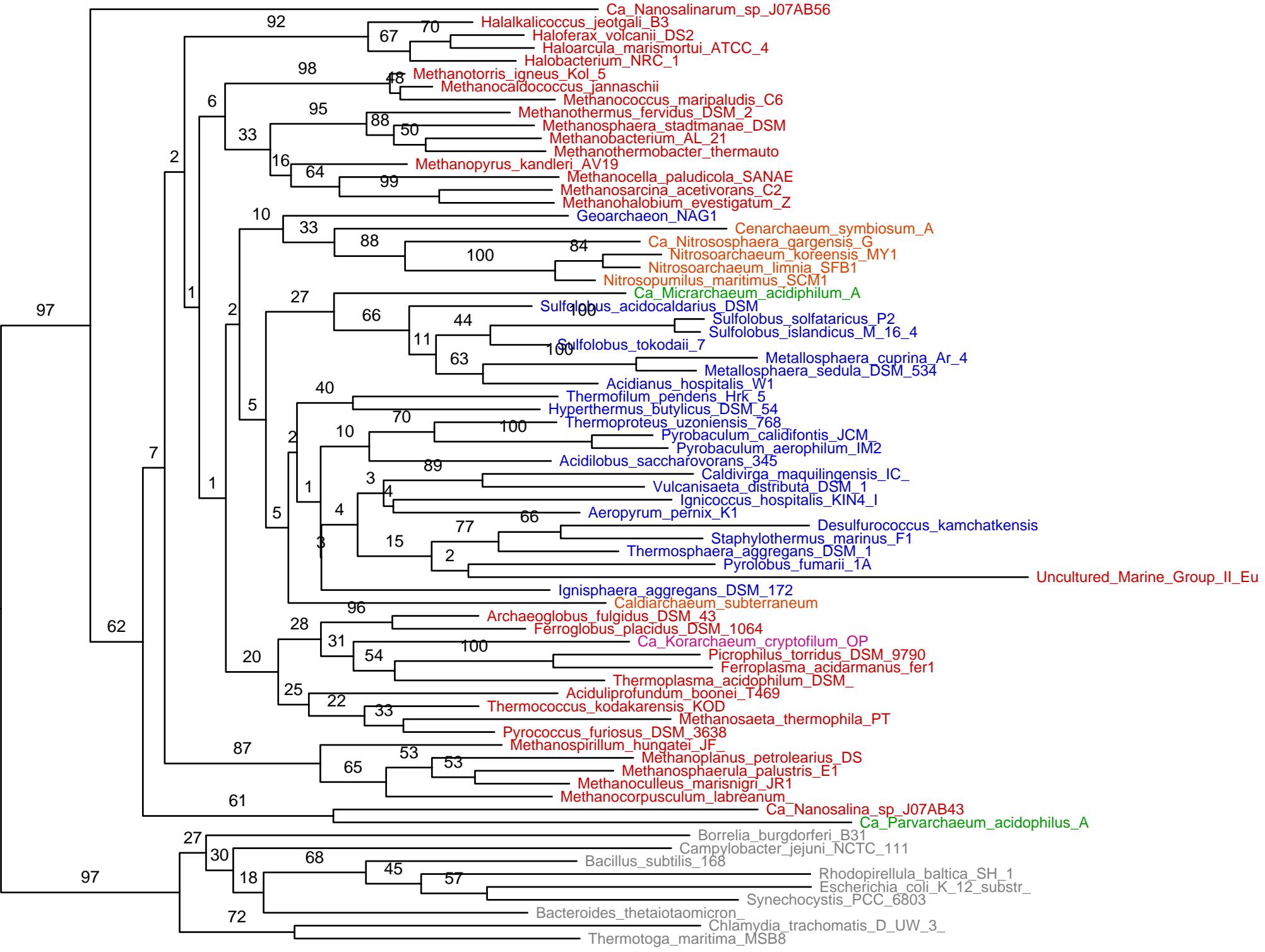


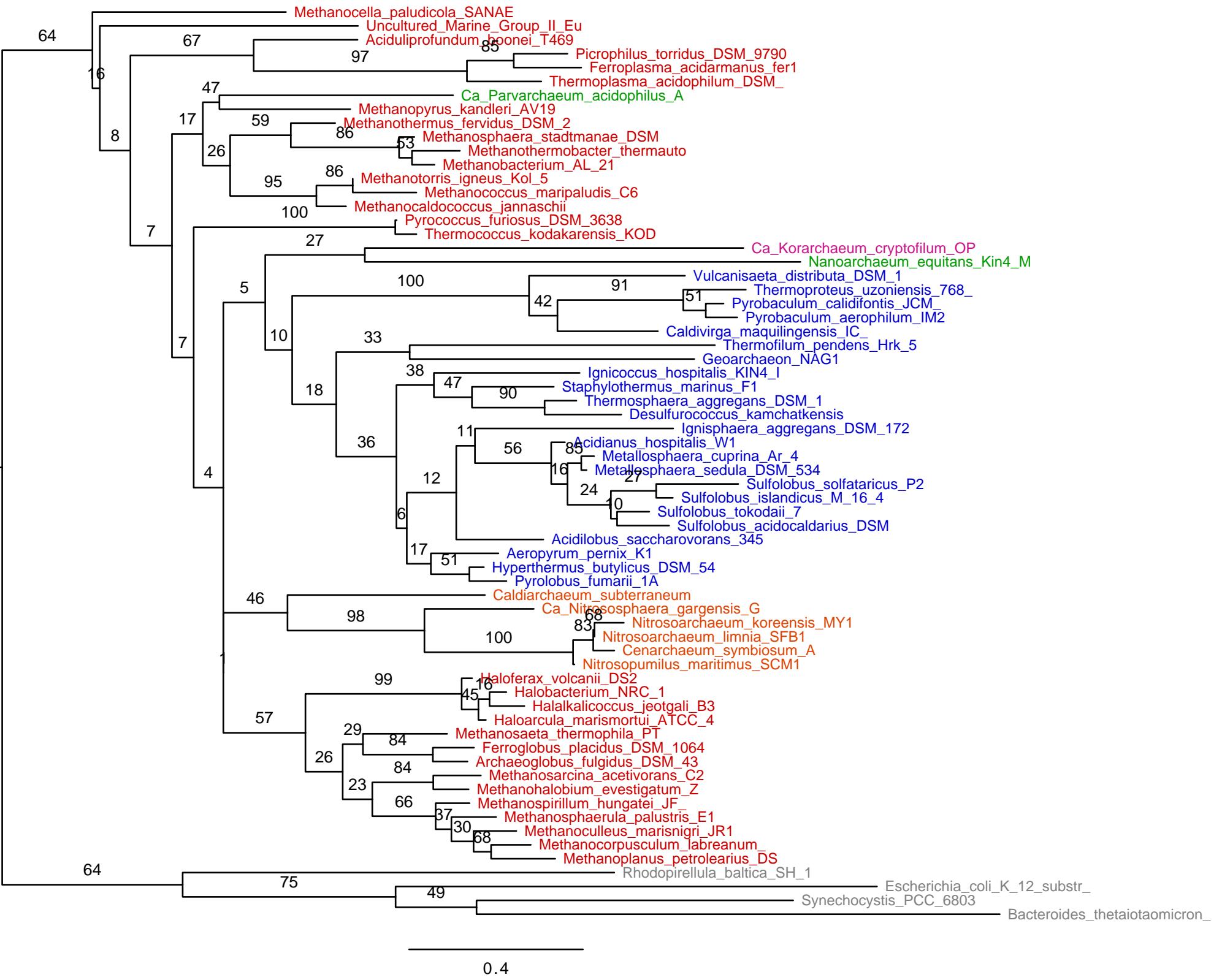
## ML phylogeny of arCOG04121: Ribonuclease HII



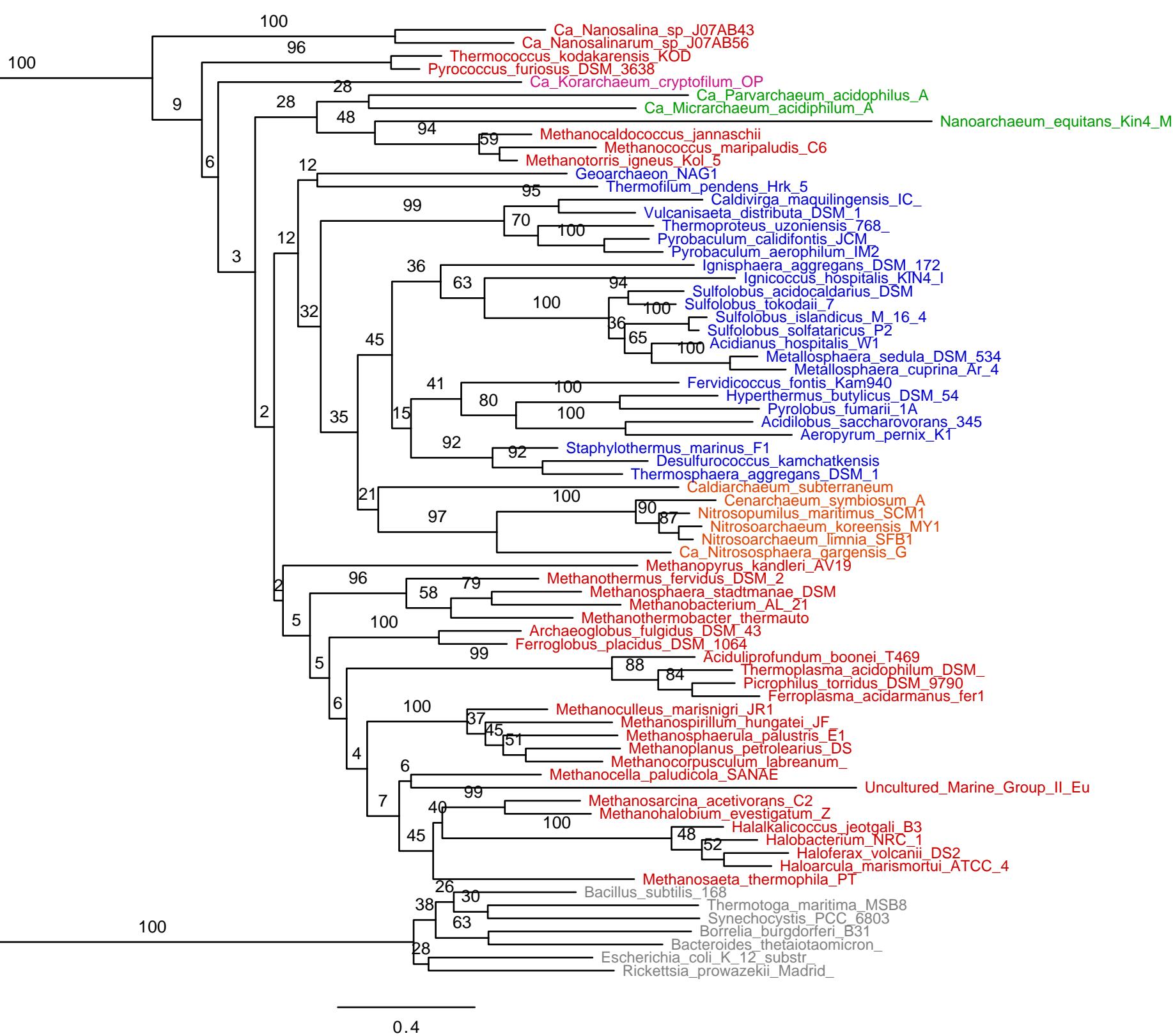


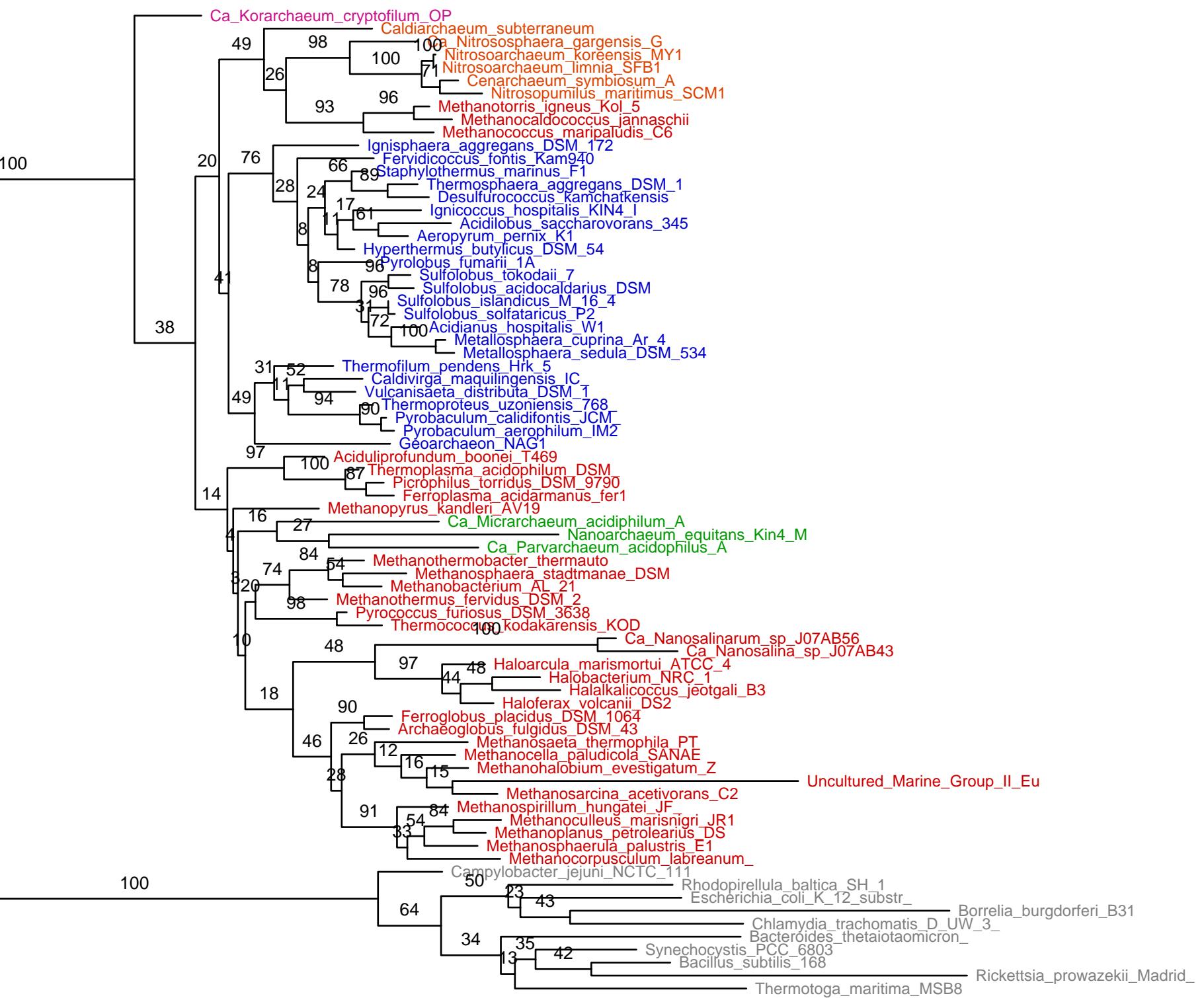
ML phylogeny of arCOG04169: Preprotein translocase subunit SecY





ML phylogeny of arCOG04223: Translation initiation factor 1 (eIF-1/SUI1)





ML phylogeny of arCOG04277: Translation elongation factor P (EF-P)/translation initiation factor 5A (eIF-5A)

