A: ML phylogeny (RAxML, CAT LG) of 33 r-proteins, without ARMAN, Nanohalo- or Nanoarchaeota

B: ML phylogeny (RAxML, CAT LG) of 25 conserved, non r-proteins, without ARMAN, Nanohalo- or Nanoarchaeota
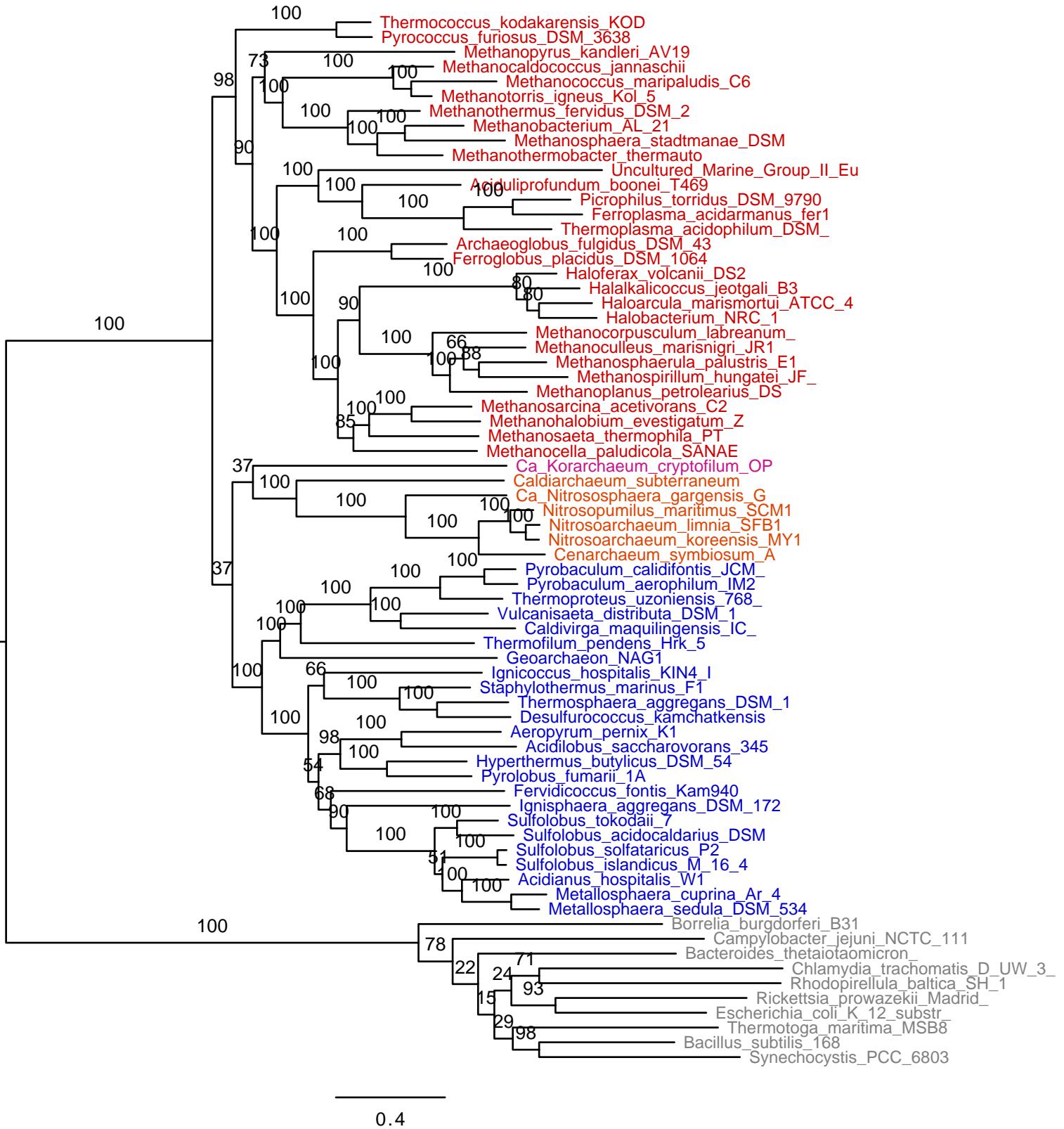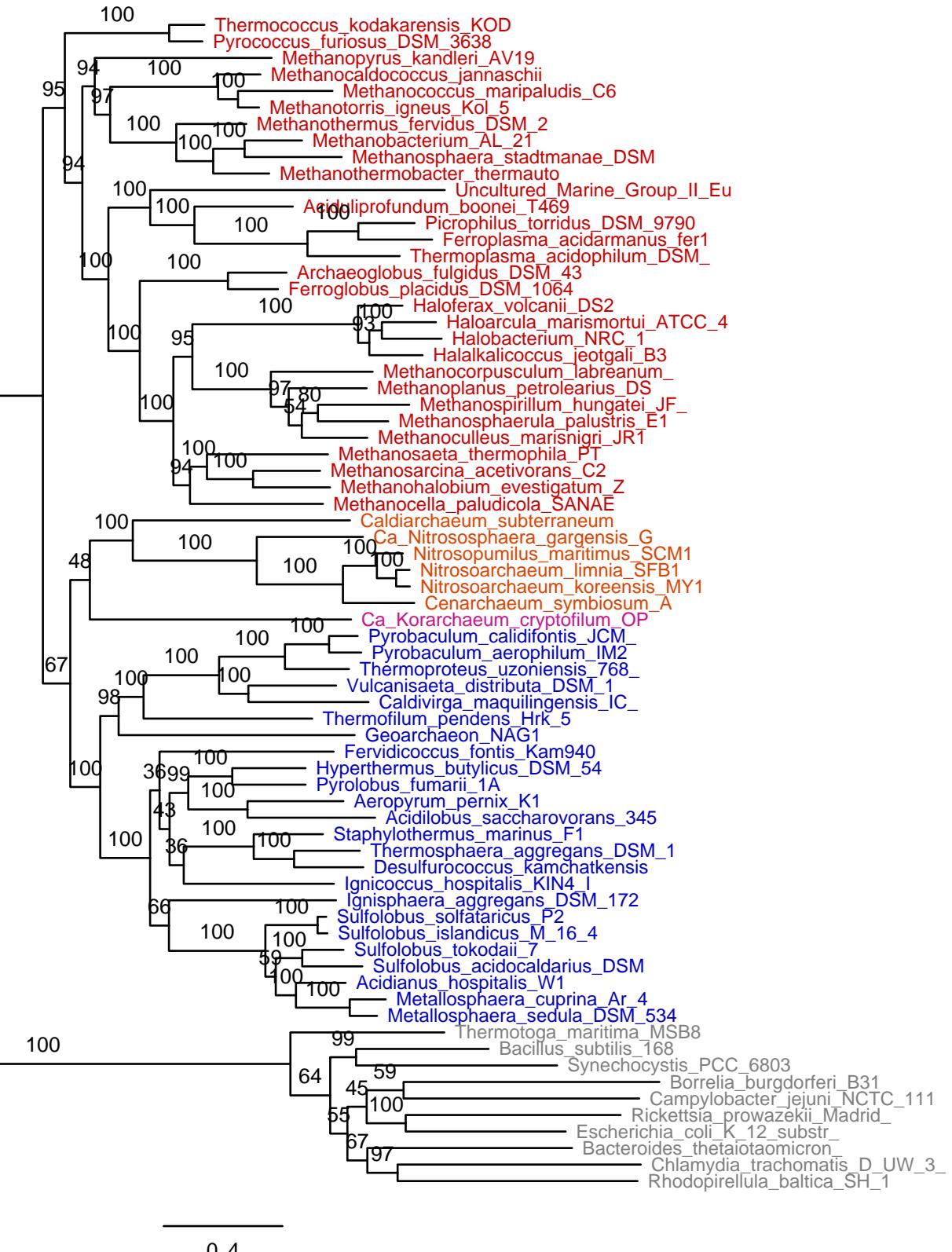
C: ML phylogeny (RAxML, CAT LG) of 57 conserved proteins, without ARMAN, Nanohalo- or Nanoarchaeota
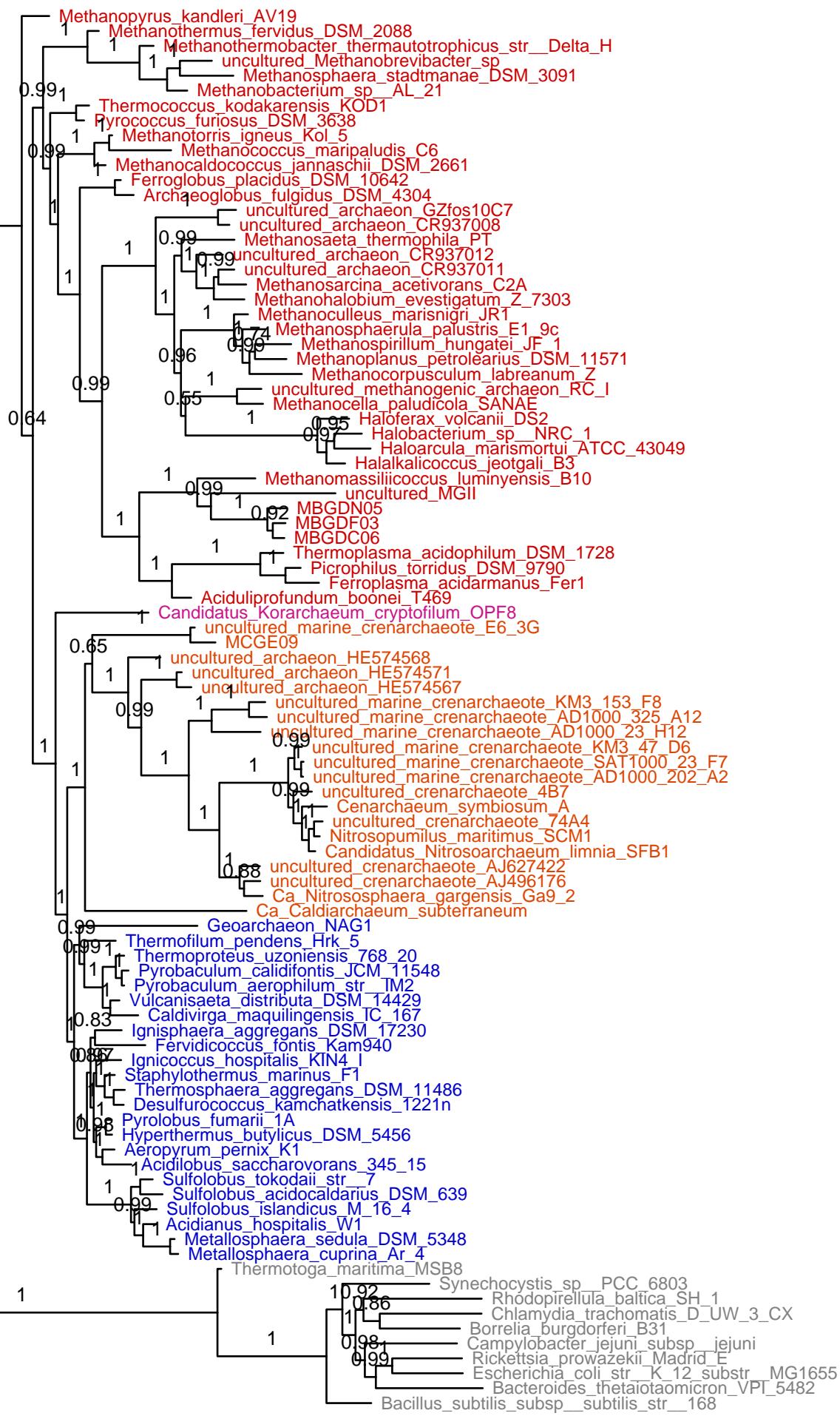
D: Bayesian phylogeny (phylobayes, CAT-Poisson) of 16S/23S rRNA, without ARMAN, Nanohalo- or Nanoarchaeota