

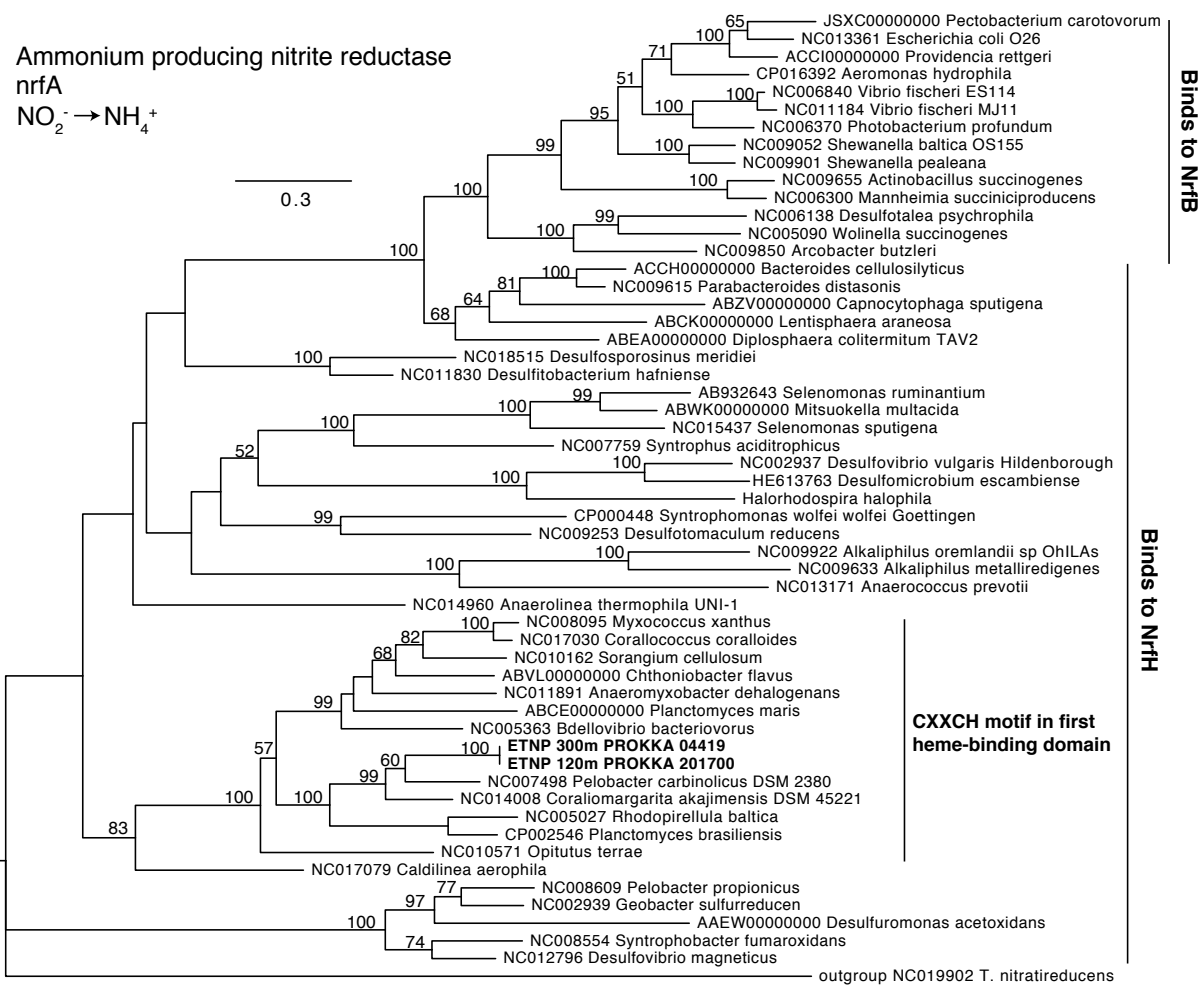


Figure S7. Phylogenetic tree of genes for ammonia producing nitrate reductase  $\text{nr}fA$ . Names with ETNP indicate sequences assembled from our metagenomic samples. Information on tree is based on Welsh et al (2014) AEM 80: 2110-2119. ETNP sequences are in a cluster with an unusual heme-binding domain.