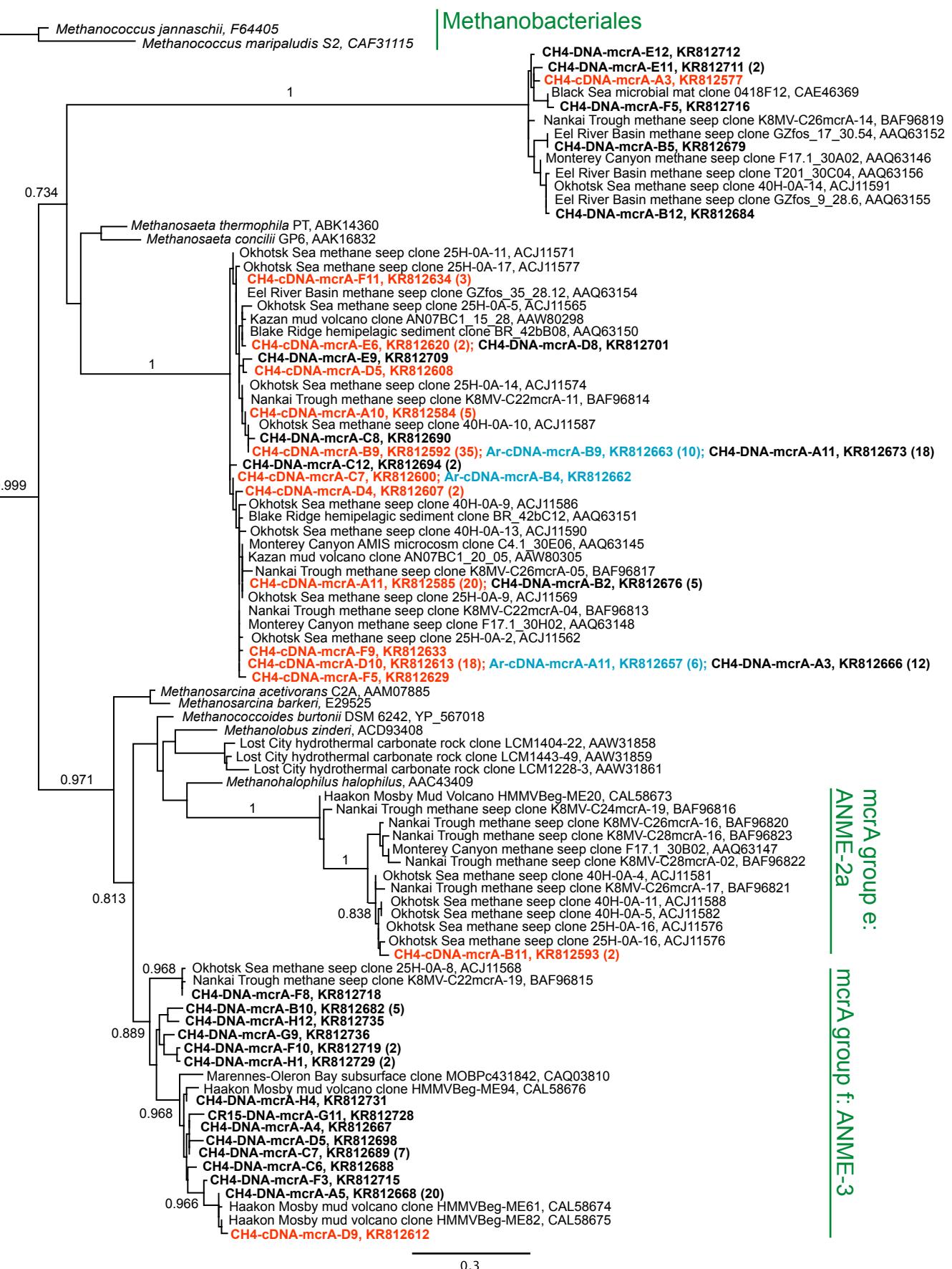


**SI Figure 2.**



*mcrA* groups a,b:  
*ANME-1*

*mcrA* groups c,d: *ANME-2c*

*mcrA* group e:  
*ANME-2a*

*mcrA* group f: *ANME-3*