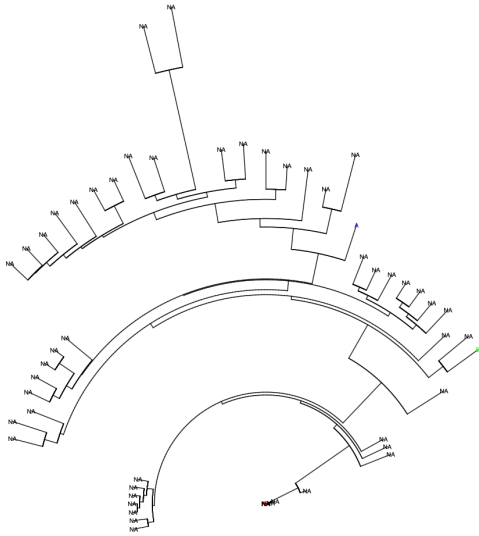


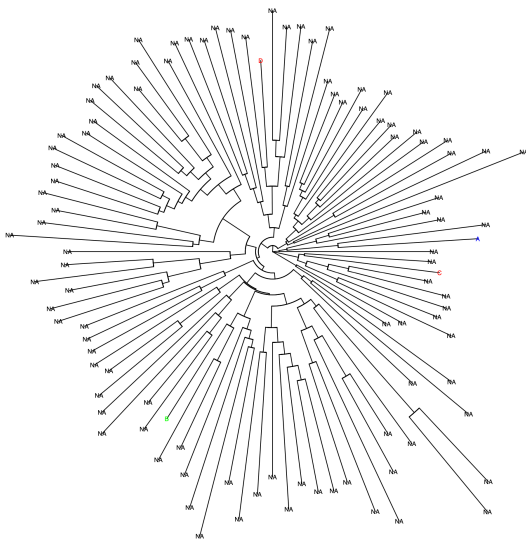
Phylogenies from longest variable region:



Phylogenies from shortest variable region:

NA

Phylogenies from whole 16S:



The reason why the tree for shortest region is not shown is the 100 sequences I picked may contain many gaps, and the shortest region is made of gaps.

To be honest, neither of the shortest and the longest region generated a tree close to the whole-16S tree, but the longest region is clearly more representative than the shortest one.