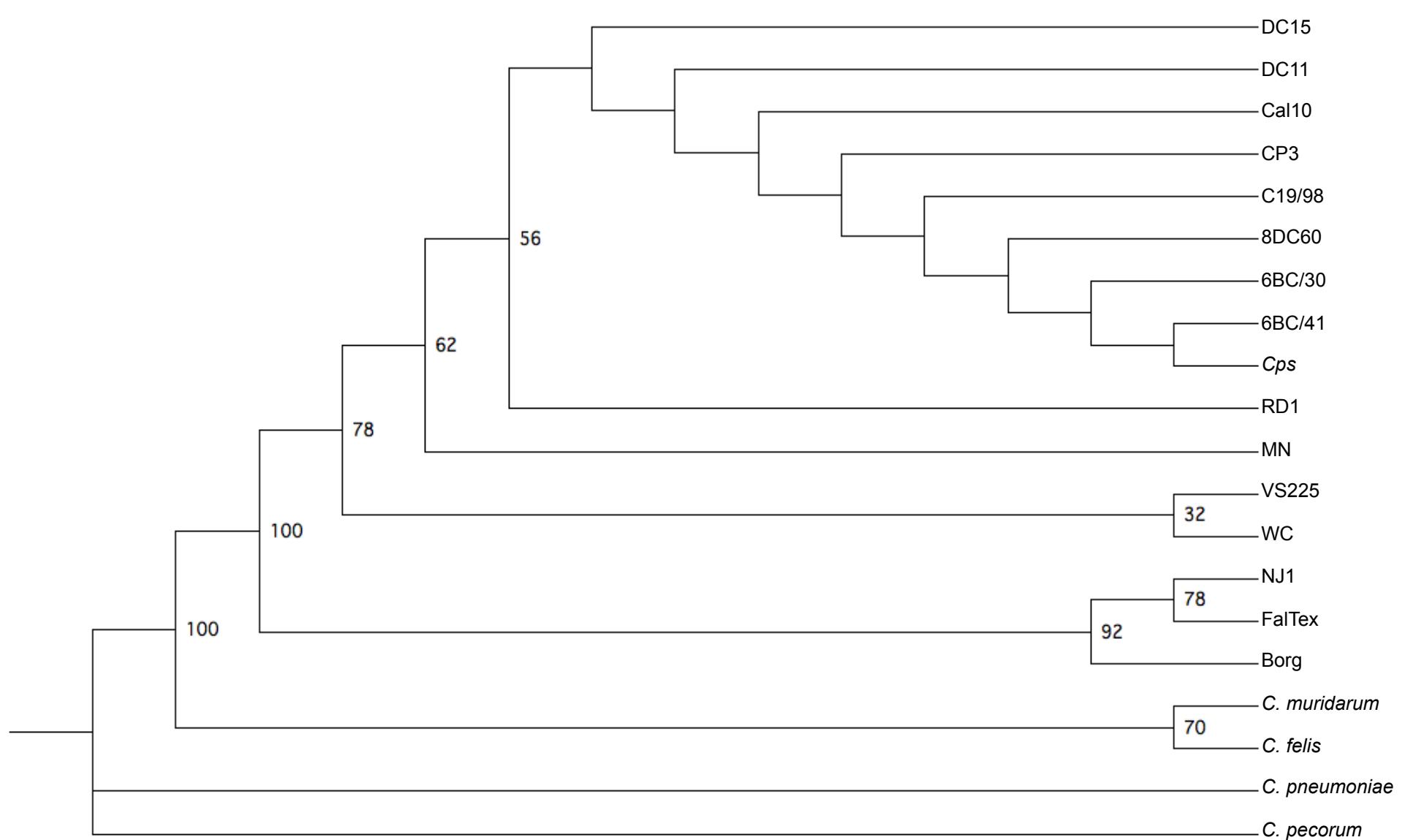
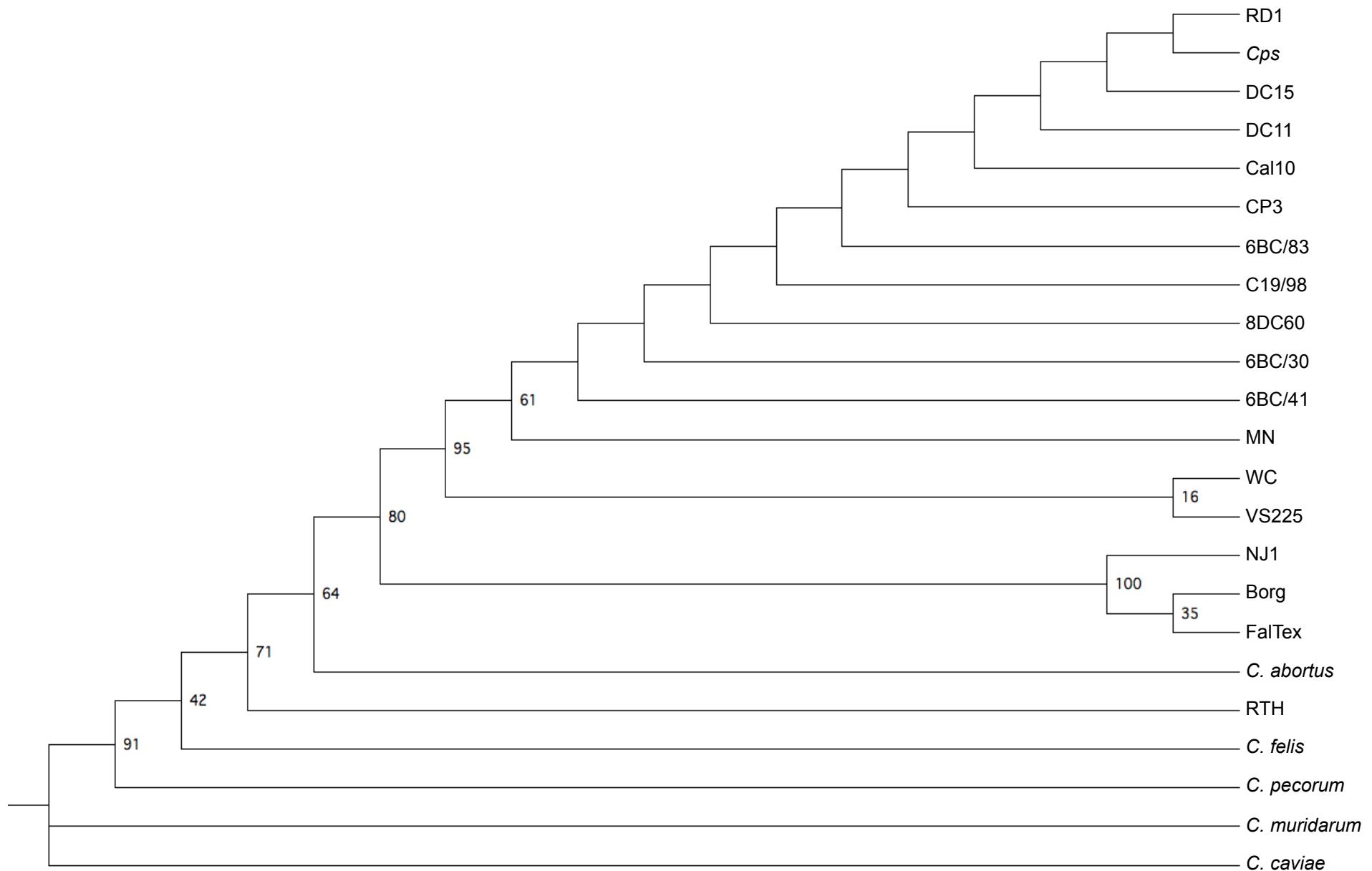


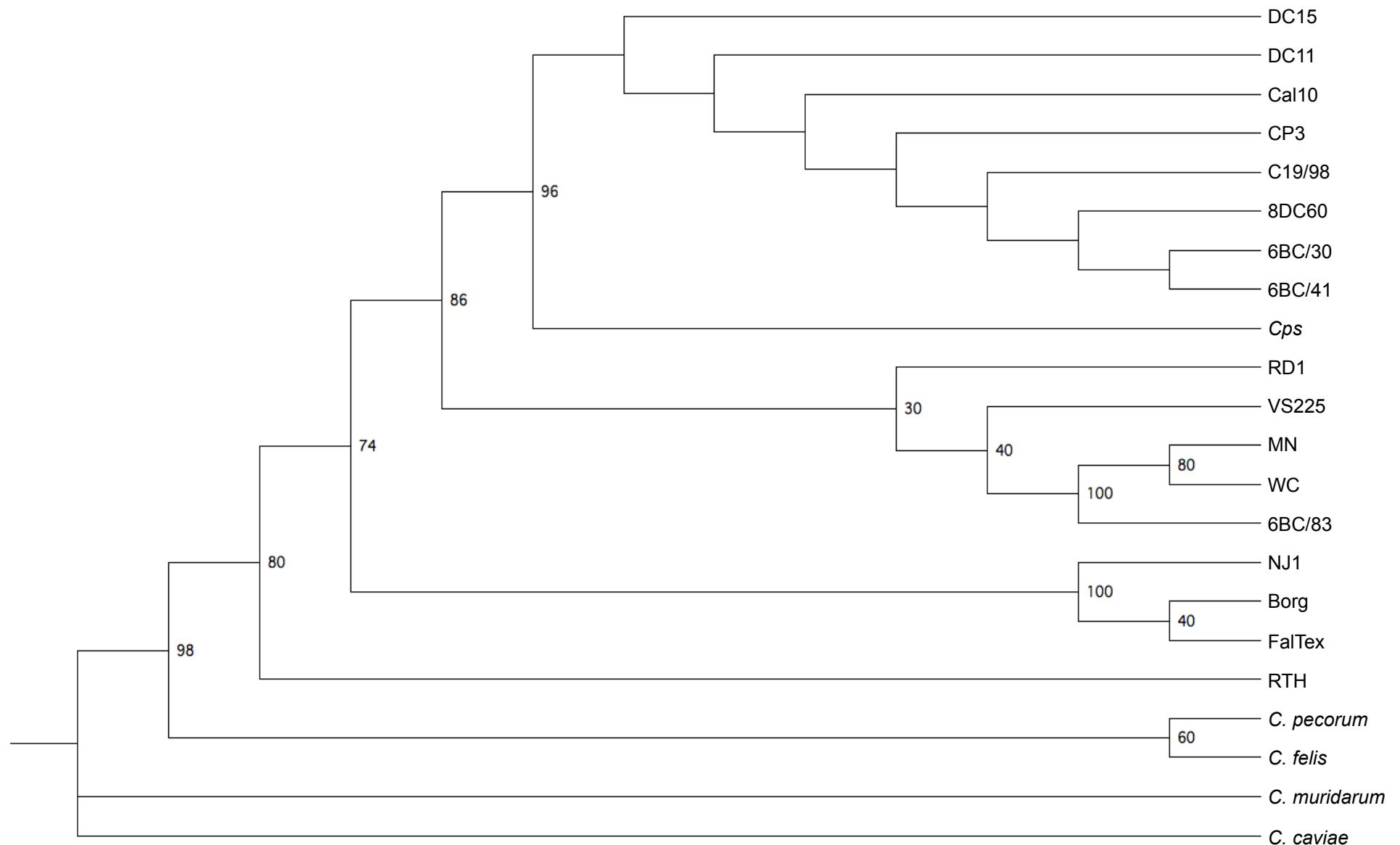
### A. Phylogeny of GuaA



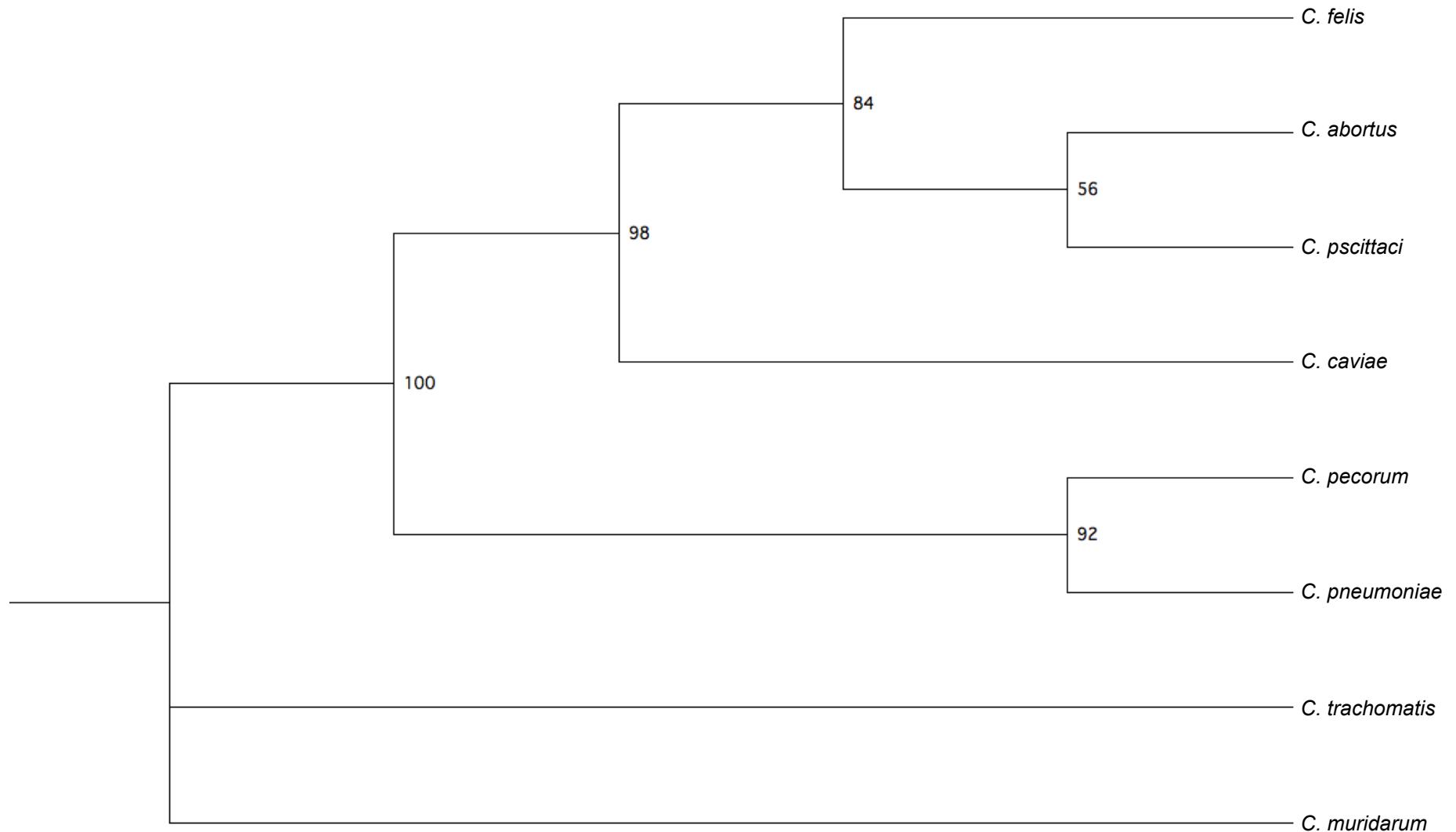
## B. Phylogeny of GuaB



### C. Phylogeny of Add



#### D. Phylogeny of RecA



## E. Phylogeny of toxin

