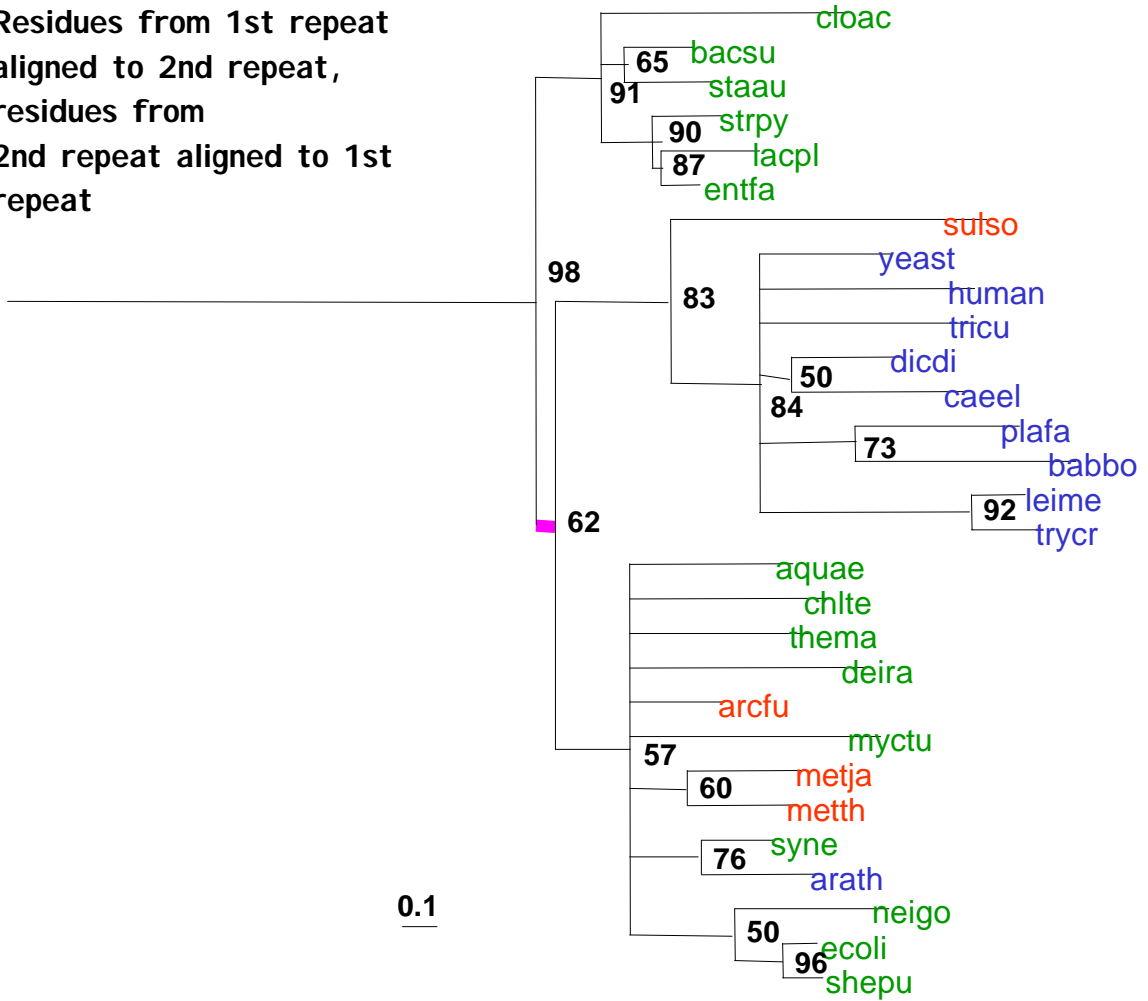


# PUZZLE TREE

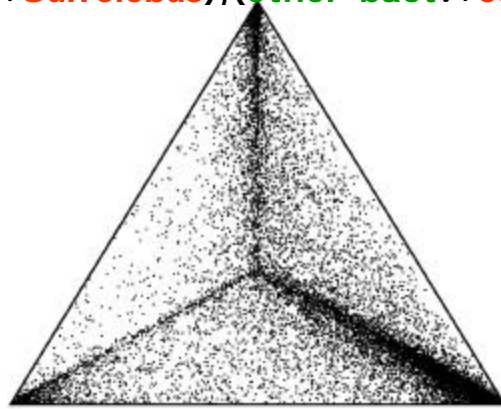
## Outgroup:

Residues from 1st repeat  
aligned to 2nd repeat,  
residues from  
2nd repeat aligned to 1st  
repeat



Maximum Likelihood Mapping of the purple branch in the above tree

(Gram+, Eucarya+Sulfolobus), (other bact.+euryarch, outgroup)



(Euc.+S, outgr.),  
(Gram+, other bact.+ea)

(Gram+, outgr.),  
(Euc.+S, other bact.+ea)

