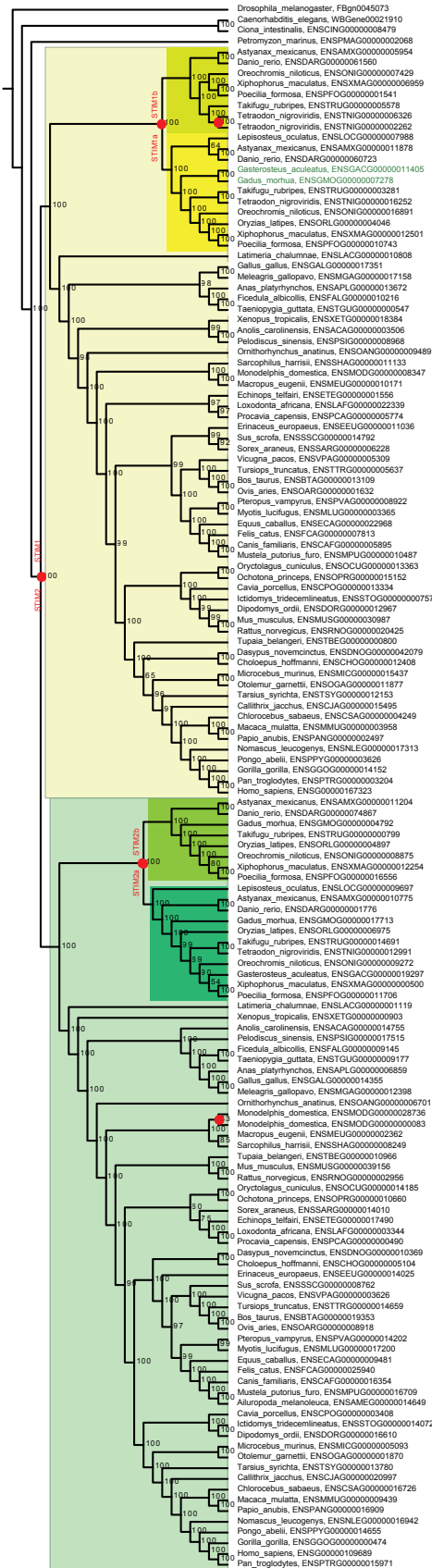


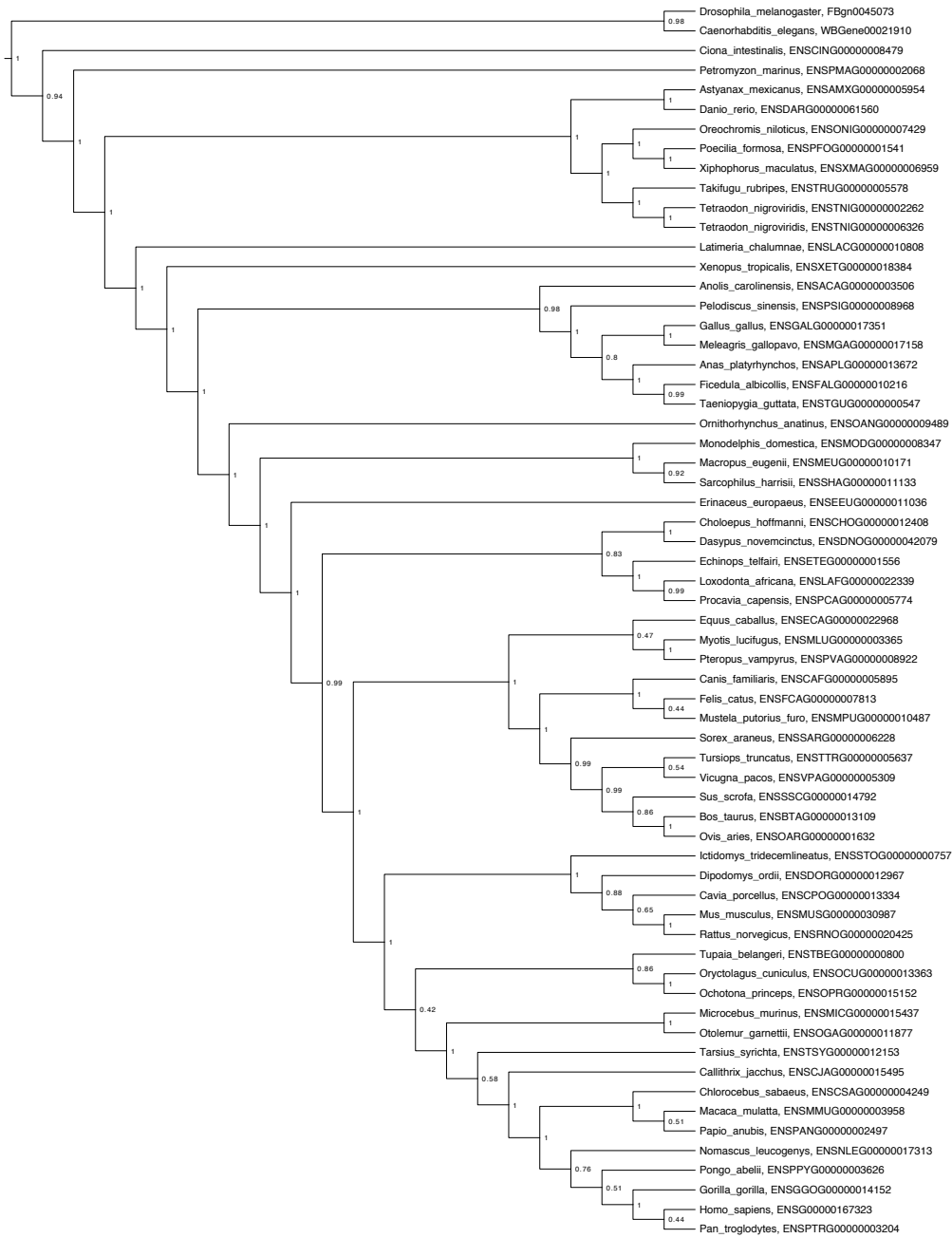
Gene family tree and orthologous gene trees of STIM

The node labels are the bootstrap values in A and posterior probabilities in B, C, D and E. Gene duplication nodes are annotated with red dots. The leaves highlighted in clover are two species that show similar incongruence between the gene trees and species tree as STIMATE-like gene.

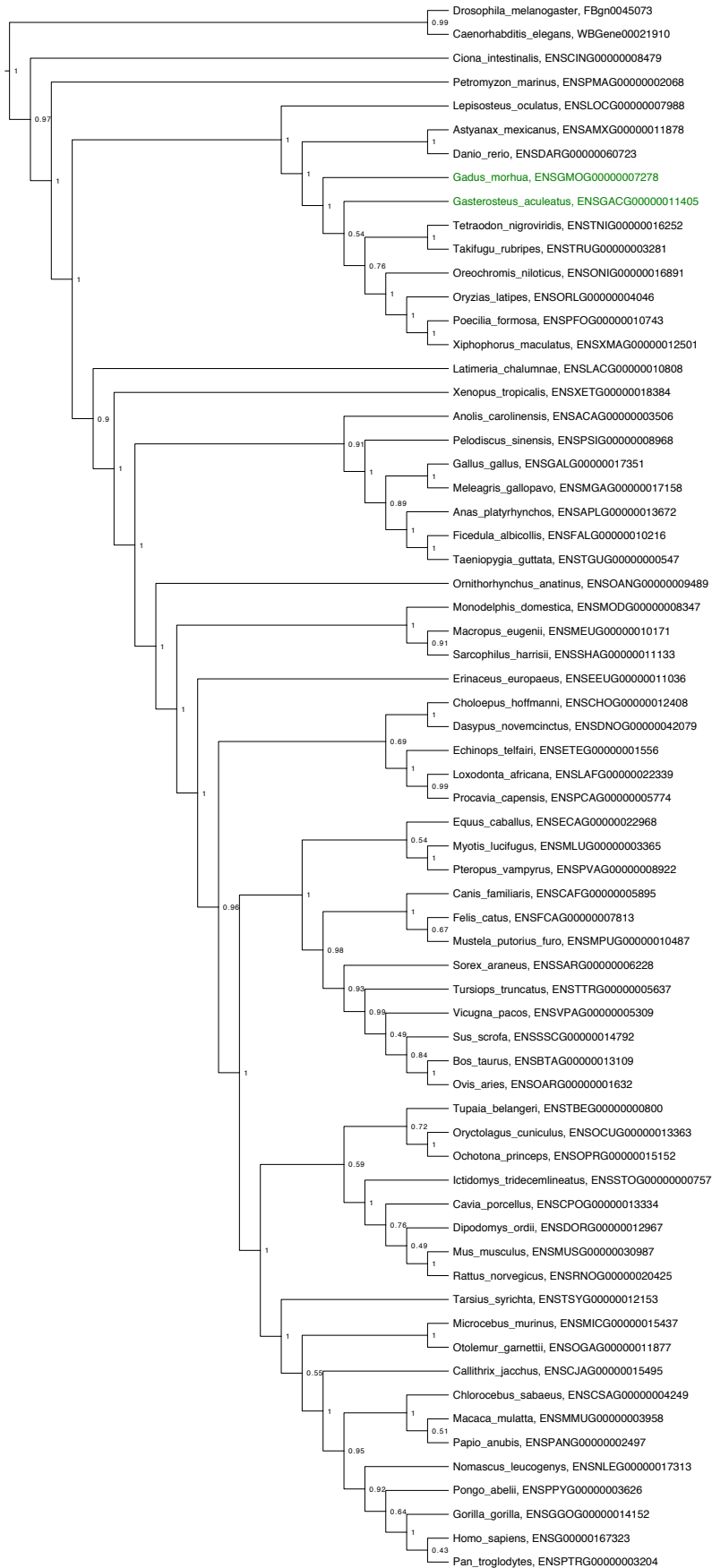
A) The gene family tree of STIM (resulted from ALE following BEAST)



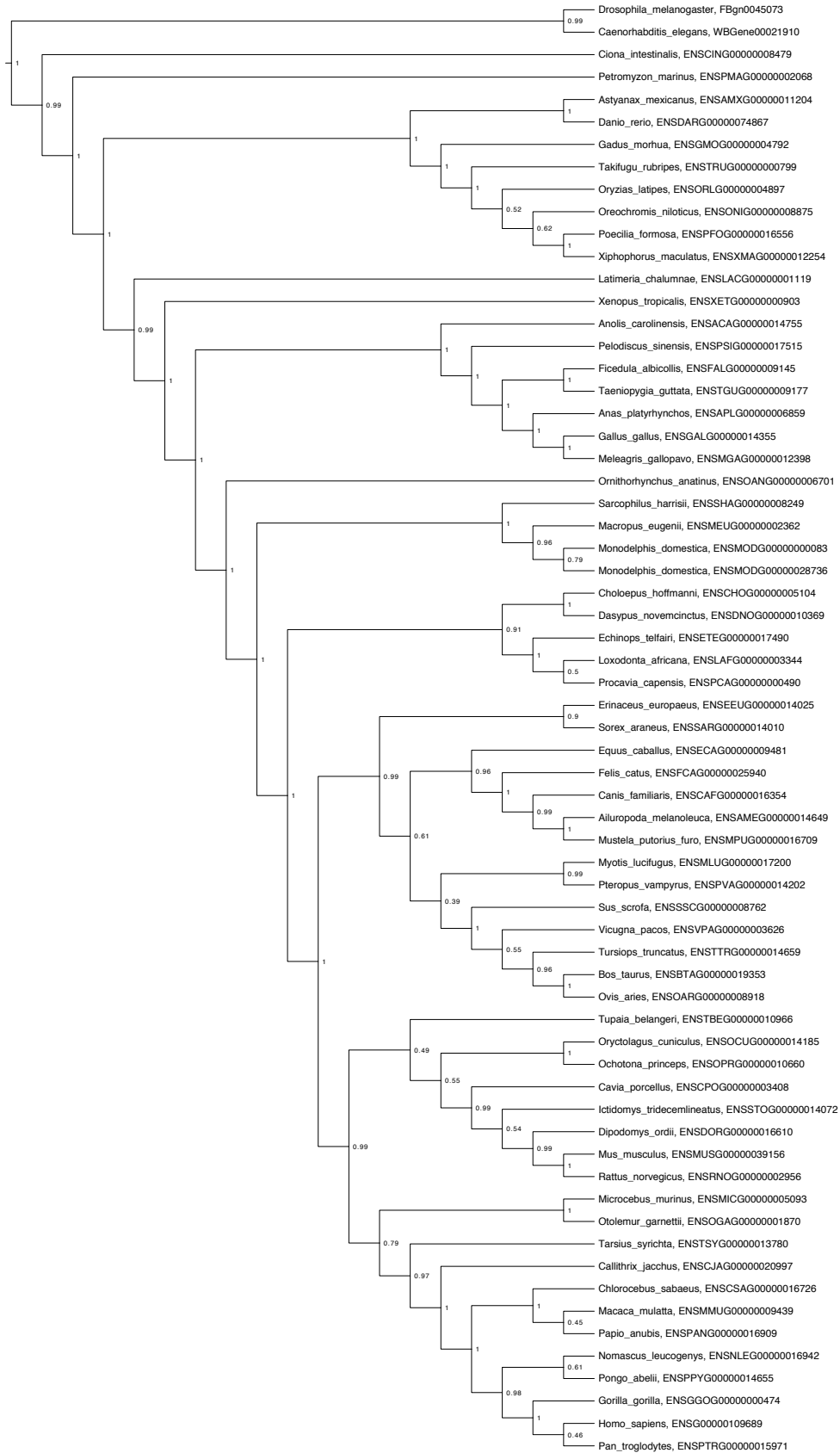
B) Tree of orthologue set 1/ STIM 1b (resulted from *BEAST)



C) Tree of orthologue set 2/ STIM 1a (resulted from *BEAST)



D) Tree of orthologue set 3/ STIM 2b (resulted from *BEAST)



E) Tree of orthologue set 4/ STIM 2a (resulted from *BEAST)

