

Review of: "Revisiting the origin of interleukin 1 (IL-1) based on biological activities of IL-1 in anamniotes and their sub-functionalization in amniotes"

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This manuscript reports the evolution of IL-1 based on the expression patterns and cleavage of IL-1 proteins from various species. Here are some minor comments: 1, In the phylogenetic tree analysis, they included IL-1 protein sequences from eight teleosts and one cartilaginous fish. But some species (such as spotted gar) close to bony fish ancestor should been included. 2, Phylogenetic tree is calculated by Neighbor-Joining method. Maybe they should try ML or Bayes trees also.