



Figure S7. Maximum likelihood tree built under strategy 3 (unpartitioned analysis, without outgroups) with node support values. Maximum likelihood tree inferred from a data set of five genes (185, 285, COI, 165 and 125) and 6629 nucleotides under a GTR+R10 model using IQ-TREE. Outgroups were excluded from the data set and the tree was rooted with Anthozoa. Ultrafast bootstrap support values (UFBoot) were calculated based on 1,000 replicates and are shown above branches. SH-aLRT/abYabes support values shown below branches. Scale bar represents number of substitutions per site.