



**Additional file 2.** Plot of the dendrogram from the hierarchical clustering, showing the relation between the 20 clusters marked by red boxes in the bottom of the figure. In the dendrogram, the cluster groups are divided into two separate clades denoted A and B. These are again divided into the sub-clades A-1, B-1, B-2 and B-3. In these subclades, the 20 clusters are contained.