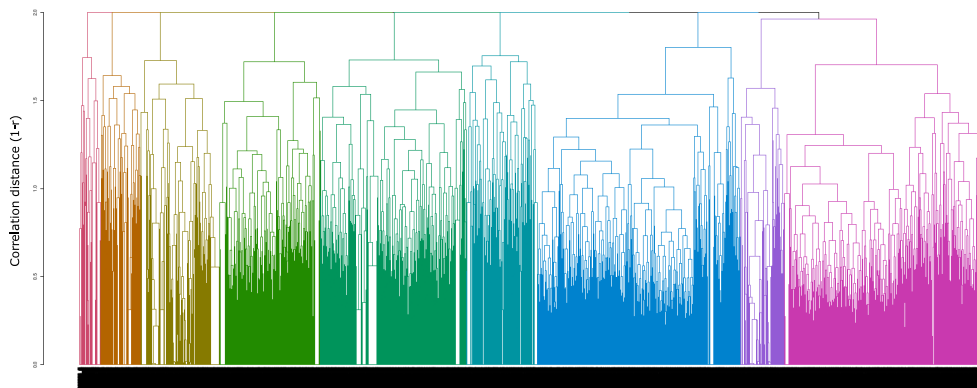


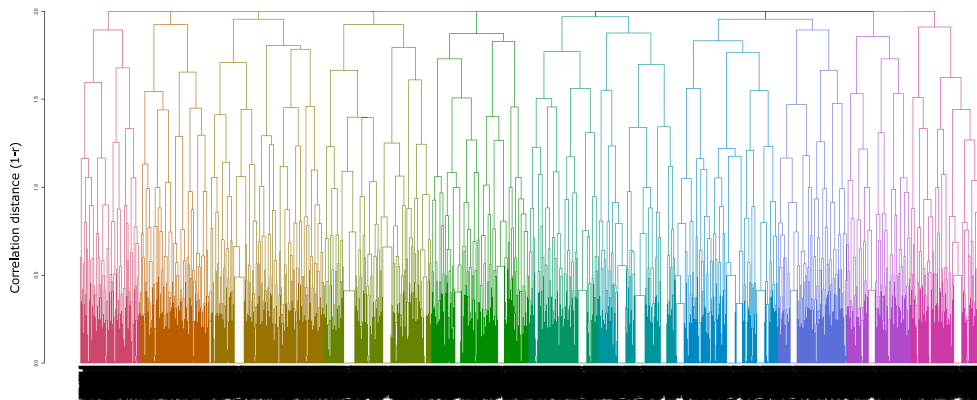
***Polynucleobacter paneuropaeus* - Pond EnzMain**

Split into 9 groups based on Point Biserial Correlation cluster quality



***Ca. Fonsibacter* sp. - Lake Erken**

Split into 11 groups based on Point Biserial Correlation cluster quality



Suppl. Fig. S12: Hierarchical clustering of alleles based on correlation of allele frequencies across time series of two species in two different habitats. Alleles of the *Polynucleobacter paneuropaeus* population were clustered into nine and those of the *Ca. Fonsibacter* sp. population into eleven groups based on Point Biserial Correlation cluster quality. It is apparent that the groups in *Polynucleobacter paneuropaeus* are more distinct than those in *Ca. Fonsibacter* sp., pointing at more distinguished genotypes in the former and a more continuous diversity structure in the latter population.