

Supplementary Figure 3. UPGMA dendrogram of sub-module MLST-ID of Genotype-ID. The tree was constructed using 100 bootstrap replicates and MLST analysis of 8 genes (5 housekeeping genes and 3 virulence genes) of *Clavibacter michiganensis*. The query used is a concatenation of a WASH sample using all 8 genes. Queries are represented in blue. Note that all queries are correctly placed amongst samples of its presumptive clonal lineage while also representing relationships between lineages in the reference dataset.