


Dataset Sample
■ Lake Pavin
■ Lake Bourget

— 0.1

Far-T4

Near-T4



T4-like phages
 dsDNA genomes 100-250 Kb
 Marker : capsid assembly
 protein G20 using
 reference + PCR

T4-like cyanophages

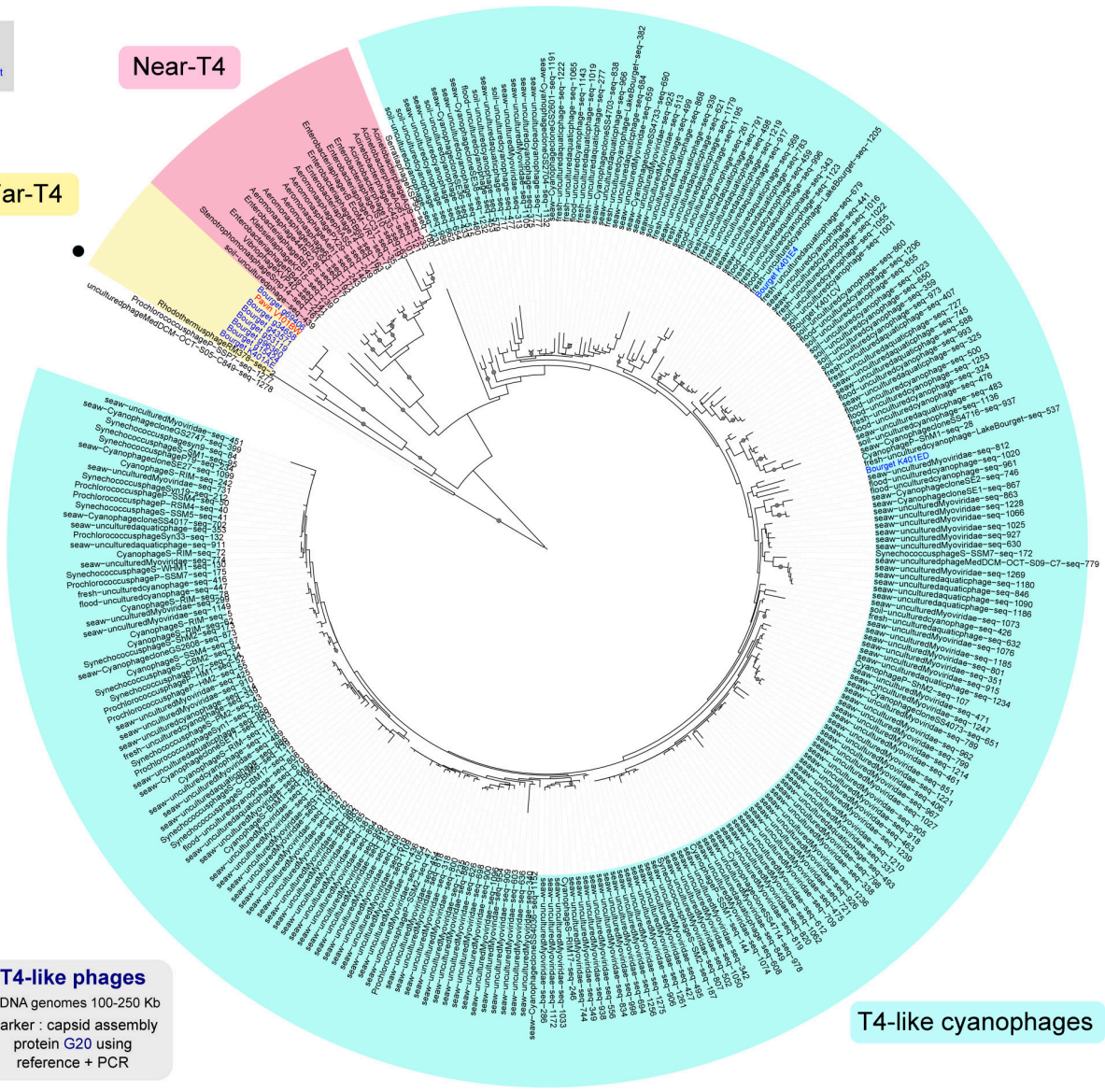


Figure S3 . Maximum-likelihood tree for T4-like phage (G20). A phylogenetic tree has been drawn for the T4-like phage group, and the two main reference groups are indicated (near-T4 in red and T4-like cyanophages in blue). The Far-T4 group is highlighted in yellow. Leaf labels are colored according to their sample (red for Lake Pavin and blue for Lake Bourget). Nodes with at least 80% bootstrap support are flagged with black circles. The sample origin of PCR-obtained sequences are designated on the leaf label (seaw stands for seawater, flood for floodwater, and fresh for freshwater). Rhodothermus RM378, the only cultured representative within the Far-T4 clade, is marked with a black dot.