



Heatmap representations of selected NAPP clusters from different species. The horizontal axis represents the 423 bacterial species and the right vertical axis represents ICEs or ORFs. A red dot indicates the presence of a given ICE/ORF in this species with a color intensity proportional to normalized Blast scores. The histogram superimposed on each cluster represent an average phylogenetic profile for this cluster (AFP, left vertical axis) obtained by averaging dot intensities in columns. A: *B. subtilis* ncRNA-rich cluster #1 from Fig 2b; B: *B. subtilis* ncRNA-rich cluster #2 from Fig 2b; C: *E. coli* K12 ncRNA-rich sub-cluster ; D: *V. cholerae* ncRNA-rich cluster #1 ; E: *V. cholerae* ncRNA-rich cluster #2. Heatmaps were obtained with Eisen lab's Treeview software.