



**Suppl. Fig. 6. Analyses of positions under selective pressure in the *vacA* gene of strains from the Americas and other continents using GenomegaMap.**  
 a) Known domains of *VacA* [54]; b) omega values for each position of *vacA* in strains from the Americas; c) omega values for each position of *vacA* in strains from the other continents; d) America/non-America ratio of omega values showing positive pressure is higher in most regions of the gene in American strains relative to non-American strains.