



Suppl. Fig. 5. Analyses of positions under selective pressure in the *cagA* gene of strains from the Americas and other continents using GenomegaMap. a) Known domains of CagA [42]; b) omega values for each position of *cagA* in strains from the Americas; c) omega values for each position of *cagA* in non-American strains; 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. In b, c and d the orange horizontal lines show the 3 EPIYA motifs and the blue lines the CM motifs, according to the 26695 strain.