



**Figure S2: Heat modifiability analysis of proteins in the membrane fractions of *P. stutzeri* A15 pHERD26T-*estA*, pEstA $_{\beta}$ -*estAP* and pEstA $_{\beta}$ L-*estAP*.** SDS-PAGE samples were incubated at different temperatures (room temperature [RT]-100°C) and analyzed with Western blot using anti-EstA serum ( $\alpha$ -EstA). The passenger domain of proteins of pHERD26T-*estA* shows an additional heat modifiability, indicated with an \*. Molecular weight markers are indicated at the side of the panels.