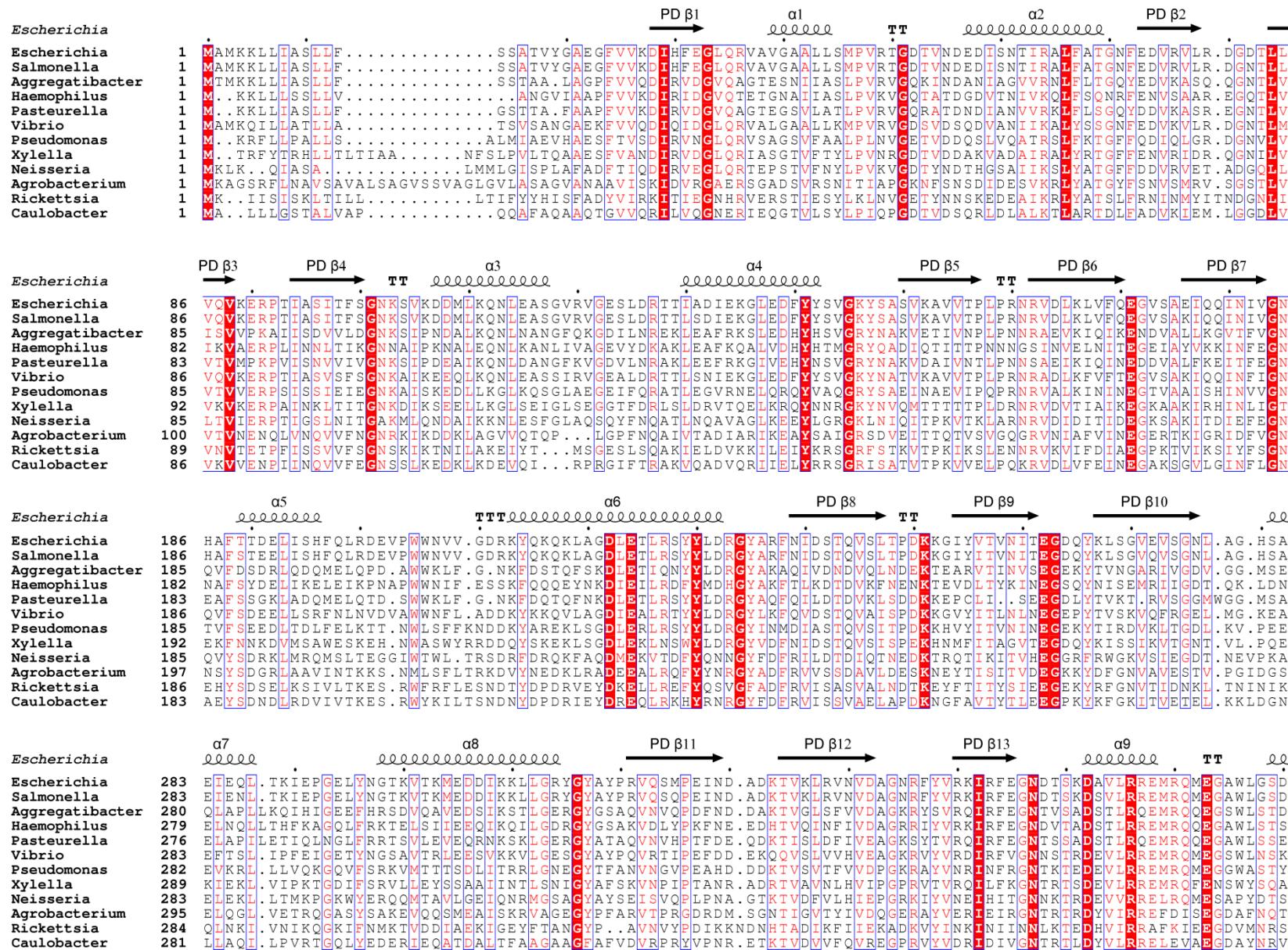
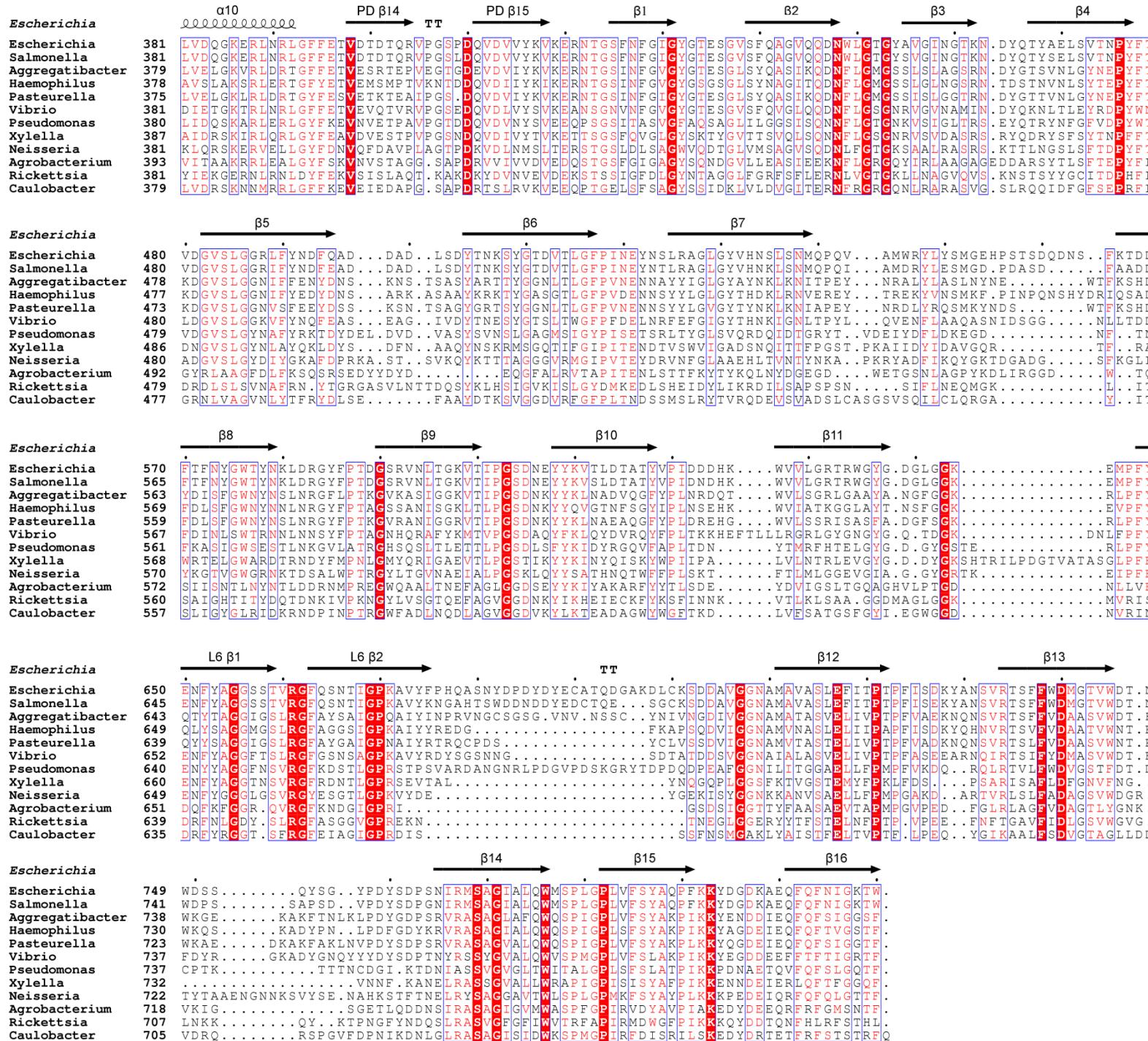


**Fig. S9.**



**Fig. S9.**  
continued.



**Figure S9. Alignment of BamA/ Omp85 orthologues.** The figure shows the alignment of *E. coli* K-12 BamA (GenBank AAC73288) with the BamA/ Omp85 orthologues from *Salmonella enterica* serovar Typhi (GenBank CAD08682), *Aggregatibacter actinomycetemcomitans* (GenBank ACX81664), *Haemophilus ducreyi* (GenBank AAP96041), *Pasteurella multocida* (GenBank AAC44600), *Vibrio cholerae* (GenBank AAF95396), *Pseudomonas aeruginosa* (GenBank ABR83527), *Xylella fastidiosa* (GenBank AAF83856), *Neisseria gonorrhoeae* (GenBank ACF31073), *Agrobacterium tumefaciens* (WP003512849), *Rickettsia prowazekii* (GenBank CAA14627), *Caulobacter crescentus* (GenBank AAK23890). Secondary structure, derived from our model predictions (Fig. 2), is indicated above the alignment. POTRA domain  $\beta$ -strands are designated PD  $\beta$ 1 to PD  $\beta$ 15, whilst those in the  $\beta$ -barrel are labelled  $\beta$ 1 to  $\beta$ 16. Predicted  $\beta$ -strands in loop L6 are labelled as L6  $\beta$ 1 and L6  $\beta$ 2.