



**Supplementary Figure 2. SDS-PAGE analysis of the *E. coli* cells**

Proteins extracted from the *E. coli* cells were used for SDS-PAGE and stained with Coomassie Brilliant Blue R-250. Red and blue arrows indicate estimated band for BfaA (52kDa) and BfaB (49kDa), respectively. Lane 1, insoluble fraction of vector control strain; Lane 2, insoluble fraction of *bfaA*<sup>+</sup> strain; Lane 3, insoluble fraction of *bfaB*<sup>+</sup> strain; Lane 4, insoluble fraction of *bfaAB*<sup>+</sup> strain; Lane 5, soluble fraction of vector control strain; Lane 6, soluble fraction of *bfaA*<sup>+</sup> strain; Lane 7, soluble fraction of *bfaB*<sup>+</sup> strain; Lane 8, soluble fraction of *bfaAB*<sup>+</sup> strain.