FIGURE 3. Expression and Ni⁺⁺-affinity purification of S and F protein subunits.

Fig. 3A. Over-expression of fusion LukS-PV and LukF-PV (10% SDS-PAGE) Lane 1, Protein Mw standard; Lanes 2 & 3, Total soluble lysate of *E. coli* BL21(DE3)pLysS-pET-21d(+)–lukF-PV after induction with IPTG; Lanes 4 & 5, Total soluble lysate of *E. coli* BL21(DE3)pLysS-pET-21d(+)–lukS-PV after induction with IPTG; Lane 6, Uninduced *E. coli* BL21(DE3)-pET-21d(+)–lukS-PV; Lane 7, Un

FIGURES Fig. 3B and C. Purity of His-Tagged LukS-PV and LukF-PV following Nickel Affinity chromatography.

B. Lane 1, Total soluble lysate of *E. coli* BL21(DE3)pLysS-pET-21d(+)–lukF-PV after induction with IPTG; Lane 2, Purified 6His-LukF-PV; Lane 3, Protein Mw standard.

C. Purity of His-Tagged LukS-PV following Nickel Affinity chromatography. Lane 1, Protein Mw standard; Lane 2, Total soluble lysate of *E. coli* BL21(DE3)pLysS-pET-21d(+)–lukS-PV after induction with IPTG; Lane 3, water; Lanes 4,5&6, Eluate without His-Tagged LukS-PV; Lanes 7,8,9&10, Eluate containing His-Tagged LukS