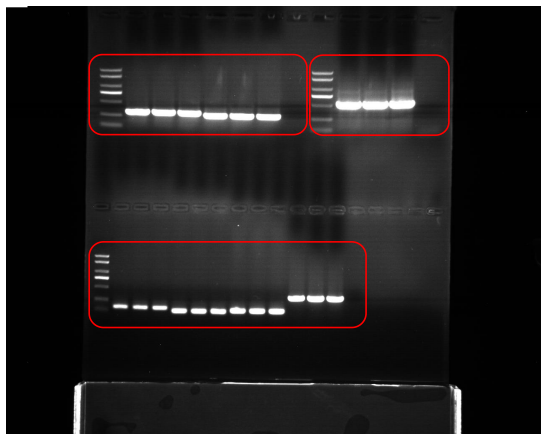


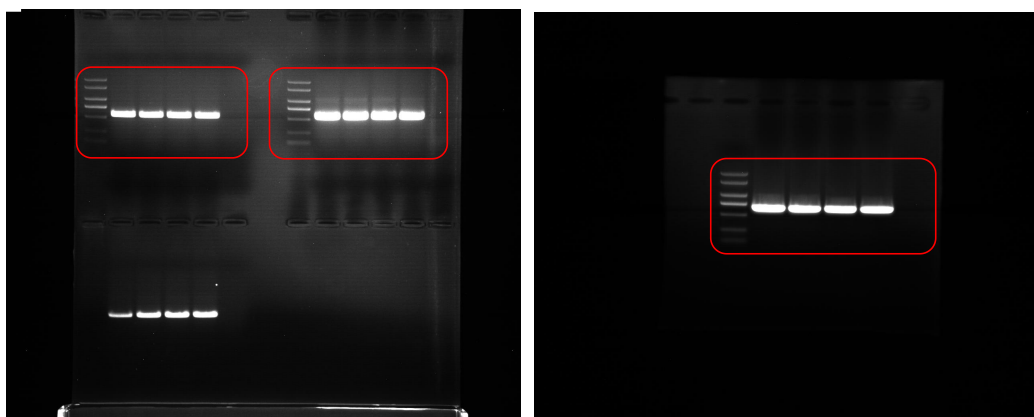
Supplementary figures

Figure S1

a



b



c



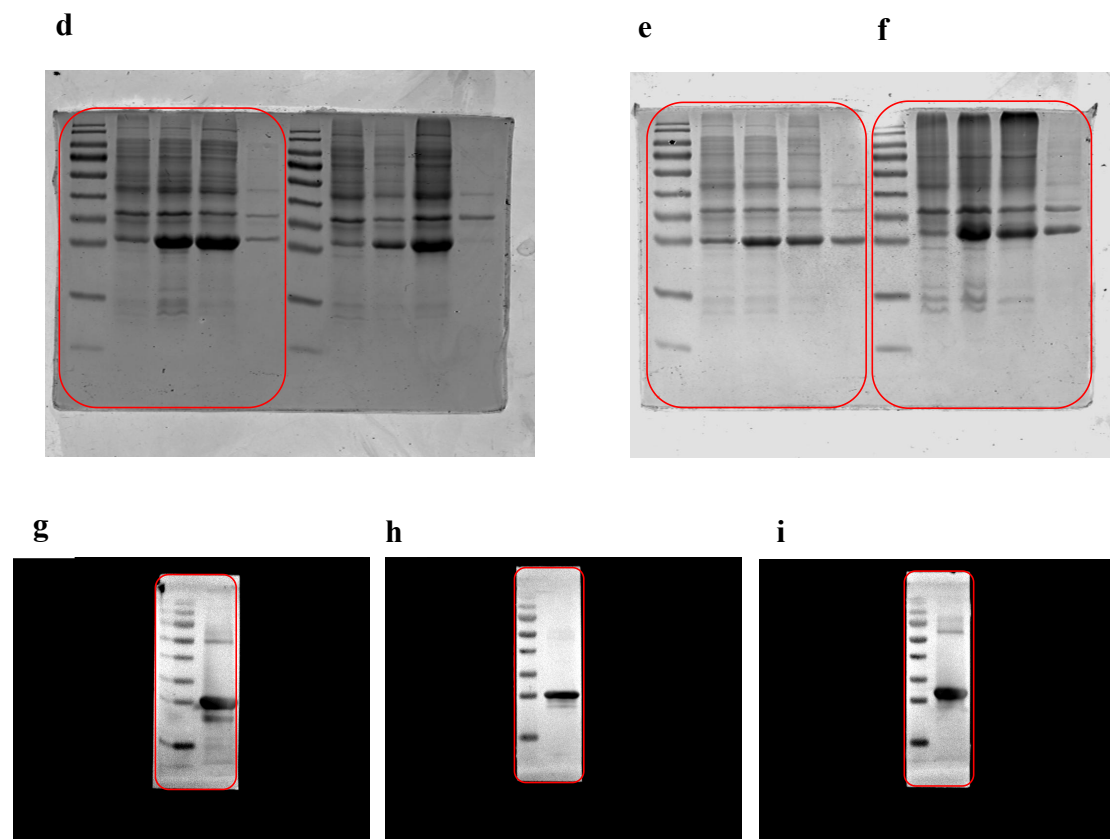


Figure S1 Original figures for Figure 5 (Vector construction and immunogenicity evaluation of proteins). **a** Amplification of gene fragments from VY320, VY430 and VY930. **b** Full-length amplification of genes from VY320, VY430 and VY930. **c** Recombinant plasmid identification. **d** Protein induced expression of *E. coli* BL21 (pCold I-VY320). **e** Protein induced expression of *E. coli* BL21 (pCold I-VY430). **f** Protein induced expression of *E. coli* BL21 (pCold I-VY930). **g** Protein immunogenicity identification of VY320 protein. **h** Protein immunogenicity identification of VY430 protein. **i** Protein immunogenicity identification of VY930 protein. The red boxes indicate the selected areas for the images in the Figure 5.