

Additional figures

Preparation and characterization of single domain antibody specific for porcine epidemic diarrhea virus spike protein

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Additional Figure legends

Fig. S1. The map and sequence of pET-25b-SBP expression vector.

The gene sequences that encoding the 38 amino acids streptavidin binding protein (MDEKTTGWRGGHVVEGLAGELEQLRARLEHHPQGQREP) was introduced into the pET-25b expression vector in between the *Not* I and *Xho* I restriction sites. The SBP tag can Recombinantly expressed with the target gene that introduced into the multiple cloning sites of pET-25b expression vector.

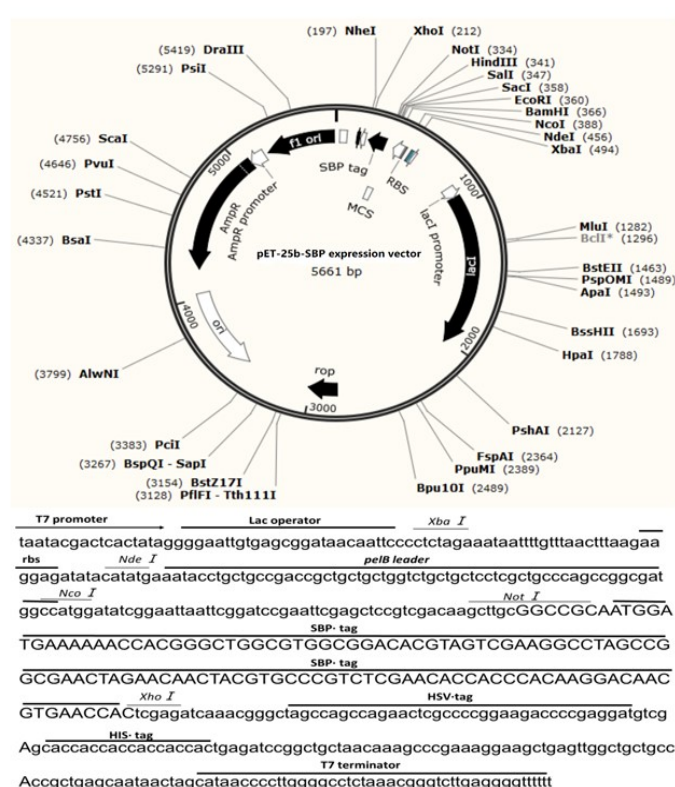


Fig. S1

Fig. S2. The PCR amplification results of 24 clones that randomly picked from the phage display single domain antibody library.

24 clones were randomly picked from the library and amplified with R1 and R2 sequencing primer of pCANTAB5E, and the results showed that 15 clones were obtained the ~400 bp amplicons.

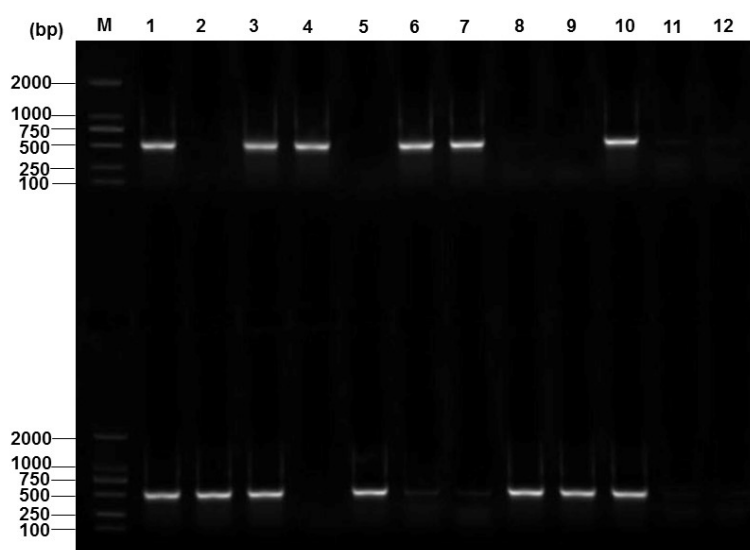


Fig. S2