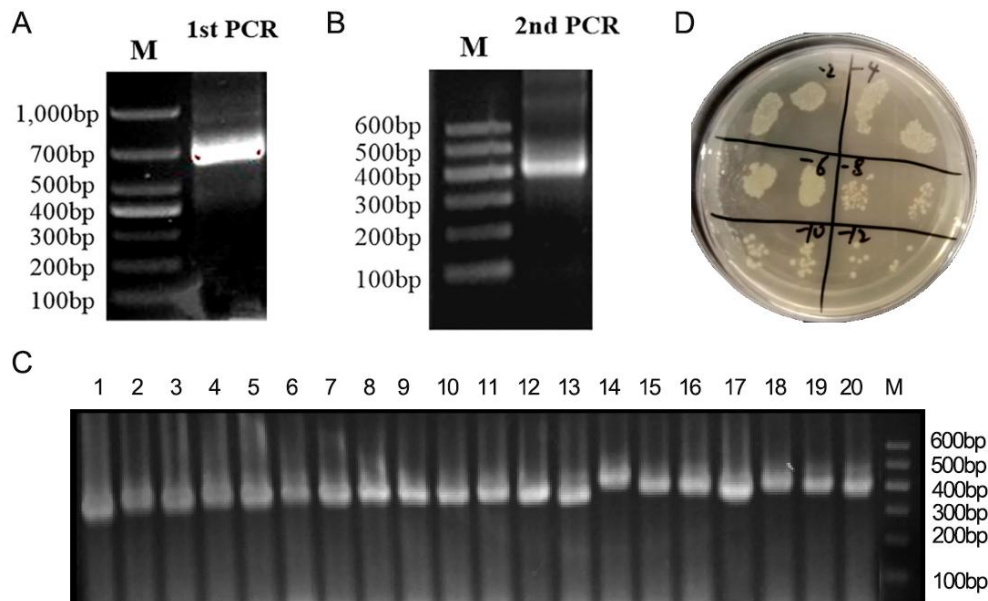


Name	Sequence(5' to 3')
CALL001	GTCCTGGCTGCTCTTCTACAAAG
CALL002	GGTACGTGCTGT TGAAGTGTTC
VHH-Forward	TCGCGGCCAGCCGGCCAGGTCCAAGTGCAGGAGTCTGGGG
VHH-Reverse	ATAAGAATGCGGCCGCTGAGGAGACGGTGAC CTGGGTCCCC

Supplementary Table 1 Sequences and applications of primers used in this study.



Supplementary Fig.1 Generation of the naïve phage display library.

(A-B) VHH genes were obtained by Nested PCR. (C) 20 colonies were randomly picked to estimate the correct insertion rate of VHH genes by PCR amplification. (D) The library size was measured by counting colonies number after serial dilution.