

## Supplementary Information

### **A novel nanobody-horseradish peroxidase fusion based-competitive ELISA to rapidly detect Avian coronavirus-infectious bronchitis virus antibody in chicken serum**

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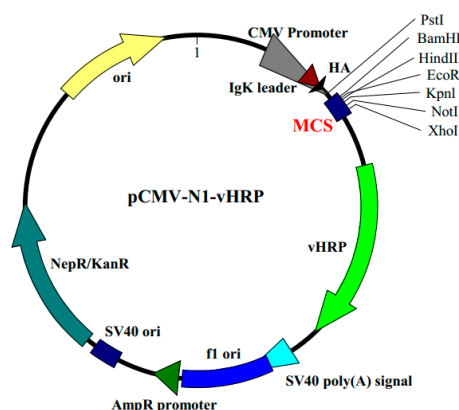
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**Table S1** Primers used for this work and the underlying sequences in the primers were restriction sites.

Primers	Sequences (5'-3')
CALL001	GTCCTGGCTGCTCTTCTACAAGG
CALL002	GGTACGTGCTGTTGAACTGTTCC
VHH-FOR ( <i>Pst</i> I )	CAGGTGCAGCTGCAGGAGTCTGGGGGAGR
VHH-REV ( <i>Not</i> I )	CTAGTGCGGCCGCTGAGGAGACGGTGACCTGGGT
MP57	TTATGCTTCCGGCTCGTATG
GIII	CCACAGACAGCCCTCATAG
Nb-vHRP-F ( <i>Pst</i> I )	ATACTGCAGCAGGTGCAGCTGCAGGAG
Nb-vHRP-R ( <i>Hind</i> III )	AGTAAGCTTTGAGGAGACGGTGACCTG



**Figure S1** Plasmid profile of pCMV-N1-vHRP vector and the sequence was listed as following:

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