Supplementary Materials: Identification and Comparison of Receptor Binding Characteristics of the Spike Protein of Two Porcine Epidemic Diarrhea Virus Strains

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Table S1. Primers used for RBD mutations.

Primers	Primer Sequence (5′–3′)	Mutations
CHGD-01-RBM1-R1	TGGTTTACAAACATAACAAGAACCACCAAAGGC AGCTGAGACGGTGAT	RBM1-1 [a]
CHGD-01-RBM1-F1	TGTTATGTTTGTAAACCACACCAGGTTAATACCA TCAACGGTTTCTCT	RBM1-1 [a]
CHGD-01-RBM2-R1	CCATGAAGAGTCACCTGGTGAACCGTAGAACAA GCTGATTGT	RBM2-1 [a]
CHGD-01-RBM2-F1	GGTTCACCAGGTGACTCTTCATGGGTGTCCAAGT CTCAGGAC	RBM2-1 [a]
CHGD-01-F	CCGGAATTCATGAAATTCTTAGTCAACGTTGCCC TTGTTTTTATGGTCGTGTACATTTCTTACATCTATG CGGCCTTCGACCTCGATGAC	RBM3-1 [a]
CHGD-01-RBM3-R1	AGTGATCAGCTCTCCCTTTGTGAACTGGAAGTAC AGCGAAGTAACAATAGTATAAGAAGTGTAATGC CAGTAGCCGAACAAGTCGAT	RBM3-1 [a]
CHGD-01-F [c]	CCGGAATTCATGAAATTCTTAGTCAACGTTGCCC TTGTTTTTATGGTCGTGTACATTTCTTACATCTATG CGGCCTTCGACCTCGATGAC	
CHGD-01-R [d]	CGGGGTACCGCTGCCGCTAGTGATCAGCTCTC	
CHGD-01-RBM1-R2	GCTGCCGCTGCCGCTGGCAGCTGAGACGGTGAT	RBM1-2 [b]
CHGD-01-RBM1-F2	AGCGGCAGCGGCAGCACCATCAACGGTTTCTCT	RBM1-2 [b]
CHGD-01-RBM2-R2	GCTGCCGCTGCCGCTGTAGAACAAGCTGATTGT	RBM2-2 [b]
CHGD-01-RBM2-F2	AGCGGCAGCGGCAGCGTGTCCAAGTCTCAGGAC	RBM2-2 [b]
CHGD-01-F	CCGGAATTCATGAAATTCTTAGTCAACGTTGCCC TTGTTTTTATGGTCGTGTACATTTCTTACATCTATG CGGCCTTCGACCTCGATGAC	RBM3-2 [b]
CHGD-01-RBM3-R2	AGTGATCAGCTCTCCCTTTGTGAACTGGAAGTAC AGCGAAGTGCTGCCGCTGCCGCTGTAGCCGAAC AAGTCGAT	RBM3-2 [b]

F, F1, F2, forward; R, R1, R2, reverse; [a] RBM1, RBM2 and RBM3 of the CHGD-01 S1 were mutated to the corresponded sequences of the HCoV-NL63 S1; [b] RBM1, RBM2 and RBM3 of the CHGD-01 S1 were mutated to the "SGSGS" motif; [c], [d] primers used for overlap extension PCR for the RBM1 and RBM2 mutations.