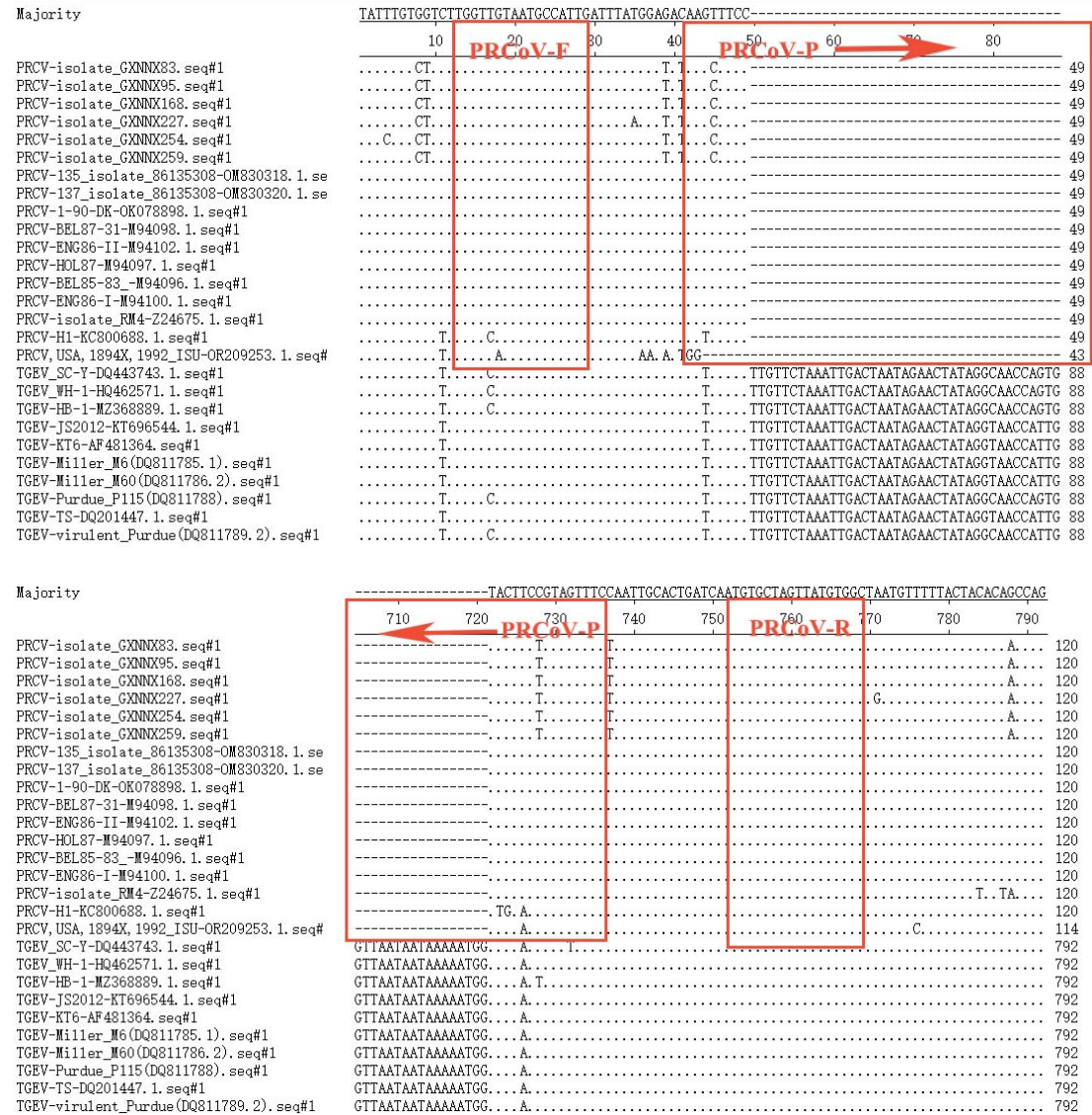


Supplementary Figure S1

A. PRCoV



	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600
VR-2332-AY150564.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
RespPFRS_HLV-AF066183.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
QTTZ-QJ008796.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
UrbA1-1-EF704734.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
TJ-EU860248.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
BJ-4-AF331831.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
CH-1a-AY032626.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
IR-IR-EU807840.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
FRTZ-FG99476.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
QME-WN064242.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
Henn-A14-K8119936.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
HN1-AY457635.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
HUN4-EF635006.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
JXAI-EF112445.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
U006-EF416101.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
MLB4-EF442777.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
SY0608-EU144079.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
WU11-EU187484.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
GD-2011-KC527830.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
Henn-1-EU200962.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
W-ETU0902.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
HB1-EF075945.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
SHI-EU106888.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
XDu-1-KF815525.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
NAD31-WN660150.seq	..A	..A	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G	..G
MDG262.seq	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
NVC-MN3-KC492503.seq	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Olot_91-EF203132.seq	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
BJEU06-1-GU047344.seq	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
DCD-2003-7-2-KC862572.seq	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
lenk-JF802085.seq	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
AYV9-2003-2-1-KC492503.seq	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
SD1-08-DQ489311.seq	C	C	C	C	C										

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C. SIV

	150	170	180	190	200	210	220	230	240	250	260	270	280	290	300	
HM418813.1		T														275
HM418810.1		T														275
CY037970.1		G														275
CY038026.1																275
CY038010.1		G														275
MG859263.1		G														275
KP404295.1		G														275
HQ659665.1		G														275
JM809214.1		G														275
KT943584.1		T														276
FN415612.1		G														275
AB704481.1		G														275
GQ225376.1		T														275
CY086001.2																279
KF530311.1																275
EU798808.1																275
CY002353.1		T														300
EU050625.1																275
EU258944.1																283
EU258938.1																281
HM830589.1		T														275
KC471404.1		T														275
MZ945789.1		G														300
KM892791.1		A														275
NP045223.1 TC																275
HW170190.1		A														275
EU798812.1																275
EU655696.1																300
KM029738.1																275
KM028498.1		T														275
KM028482.1		T														275
HM440140.1																275
HM440132.1		G														275
KM028002.1		G														275
KC883529.1																275
KM028506.1		G														275
MT265029.1		G														275
HM998925.1		A														300
KC421153.1																275
HM998917.1		G														300

D. PRV

Majority	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610
BC148-JF797217 seq																			
ExpLw-JB090325 seq																			
KIA3-DK000059 seq																			
MB17-MT049637 seq																			
Fa-HM189913 seq																			
Ex-HM15430 seq																			
Becker-JF797219 seq																			
SC-KT090429 seq																			
HM201-MT72022 seq																			
HM1-HM189912 seq																			
LS0-12019-MT469550 seq																			
JS-2012-EP257591 seq																			
JS-2012-EP15940 seq																			
JT-KM080453 seq																			
S018-MT049636 seq																			
SM-KM080459 seq																			
TJ-KT789182 seq																			
ZJ01-MD061390 seq																			
HL14-08-MD060259 seq																			
GD30A-MD060251 seq																			
GT-KM080452 seq																			
HB1201-MD057088 seq																			
HA01-MD080534 seq																			
HL36-MD084771 seq																			
HMV-MD03371 seq																			
HR-ZZ-MD021401 seq																			
JS-2012-F50-MD051316 seq																			
JS-2012-F120-MD050842 seq																			
LC-MF434035 seq																			
MF-KM080455 seq																			
Wavyangjeu-Q0355658 seq																			
qila647-KM18918 seq																			
TA2-MD022324 seq																			
9-MF01-MF040038 seq																			
Xi seq A-MT710801 seq																			
B-GII-AF057079 seq																			
FJ-2015-MF0405136 seq																			
FJ-TJ25-MD010410 seq																			
MDL-2012-MD0451219 seq																			
MD2-MF040098 seq																			
HLJ-015-MD048958 seq																			
HR-KI-MD021400 seq																			

Figure S1. Location of the specific primers and probes. The primers and TaqMan probes were designed basing on the conserved regions of for PRCoV S gene (A), PRRSV N gene (B), SIV M gene (C), and PRV gB gene (D), respectively.