

Supplementary Materials

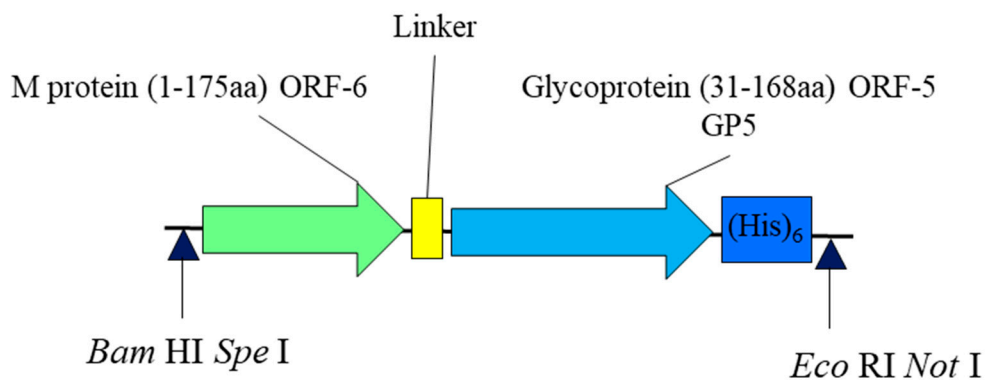


Figure S1. Production of recombinant ORF6L5 (A3) protein. Schematic representation of the ORF6L5 (A3) transfer vector construct. The coding sequence of the PRRSV-2 genes were cloned into baculovirus transfer plasmid between enzyme restriction sites to form the transfer vector. This transfer vector was co-transfected into Hi-5 insect cells along with the baculovirus to form recombinant baculovirus containing PRRSV-2 antigen.

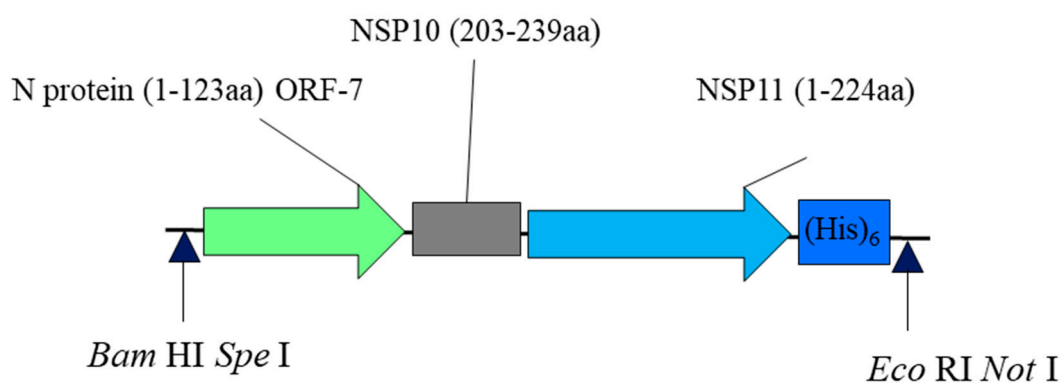


Figure S2. Production of recombinant NLNsp10L11 (A4) protein. Schematic representation of the NLNsp10L11 (A4) transfer vector construct. The coding sequence of the PRRSV-2 genes were cloned into baculovirus transfer plasmid between enzyme restriction sites to form the transfer vector. This transfer vector was co-transfected into Hi-5 insect cells along with the baculovirus to form recombinant baculovirus containing PRRSV-2 antigen.

Tabel S1. Primer Sequences for real-time quantitative PCR.

Gene name	GenBank Accesion Number	Primer sequences (5'-3')	Length (bp)	Annealing Temp (°C)
Porcine <i>IL-6</i>	NM_001252429.1	F: GCTGCTTCTGGTGATGGCTACTGCC	318	67.78
		R: TGAAACTCCACAAGACCGGTGGTGA		66.09
Porcine <i>TNF-α</i>	NM_214022.1	F: ATGAGCACTGAGAGCATGATCCG	163	62.66
		R: CCTCGAAGTGCAGTAGGCAGA		61.83
Porcine <i>Arg-1</i>	XM_021082747.1	F: TGATGTTGACGGACTGGACC	130	59.68
		R: ATCTAATCCTGAGAGTAGCCCTGT		60.14
Porcine <i>IL-12</i>	NM_213993.1	F: TCAGAAAGGCCAAACAAACCCT	134	60.06
		R: GGCAACTCTCATTCGTGGCTA		60.41
Porcine <i>PPAR-γ</i>	XM_005669788.3	F: TTCTCCAGCATTTCCACTCC	190	57.50
		R: AGTTGGAAGGCTCTTCGTGA		58.95
Porcine <i>IL-1β</i>	NM_001302388.2	F: TCTGCCCTGTACCCCAACTG	65	61.49
		R: CCCAGGAAGACGGGCTTT		59.24
Porcine <i>IL-10</i>	NM_214041.1	F: GAACAGCTGCATCCACTTC	150	52.63
		R: TAACCCTTAAAGTCCTCCAGC		47.62
Porcine <i>CD163</i>	XM_021091123.1	F: ATTCATCATCCTCGGACCCAT	110	58.66
		R: CCCAGCACAACGACCACCT		62.48
Porcine <i>NF-κB</i>	NM_001048232.1	F: TCGCTGCCAAAGAAGGACAT	101	59.96
		R: AGCGTTCAGACCTTCACCGT		61.75

Porcine TLR3	NM_001097444.1	F: TGGCCTCTCTCTGAACAATG	139	57.22
		R: TCCAAAGAAAGTCGTGTTGC		56.87
Porcine TLR4	NM_001293316.1	F: CAGATAAGCGAGGCCGTCATT	113	60.54
		R: TTGCAGCCCACAAAAAGCA		59.10
Porcine TLR7	NM_001097434.1	F: GGGAAAGCTCCAGTATCTGC	101	58.04
		R: TGACGCTTCTGGAACAGTTG		58.42
Porcine TLR8	XM_013985896.2	F: AAAAAGCACGTCCCTGAAAGAA	78	58.98
		R: TACCTGTCATCTTGGGCATT		56.50
Porcine TLR9	XM_005669564.3	F: GCCATTACTAGGGAGGTGGA	111	58.20
		R: CTTGCAGTTTGGCATGAAGT		57.19
Porcine PI3K	XM_021086552.1	F: GTGACTGACTGTGTAAGCCCA	168	59.93
		R: GACTGGCACCTAGAACGTGA		59.40
Porcine PKCδ	XM_021068966.1	F: GCAGGGATTAAAGTGTGAAG	151	54.29
		R: AACCTCCGACTCTGACTTTC		56.89
Porcine PKD-1	XM_021085680.1	F: ACAGTCCCGCCGTCCAG	77	61.42
		R: CACAGCCGAGAAGCCGATC		60.88
Porcine BCL-3	NM_001315716.1	F: CGACGCGGTGGACATTAAG	72	59.00
		R: ACCATGCTAAGGCTGTTGTTTC		59.00
Porcine p65/RELA	NM_001114281.1	F: GGAACACGATGGCCACTTG	96	59.12
		R: AAGAGGACATCGAGGTGTATTTCAC		60.62
Porcine NFATC1	NM_214161.1	F: ATCTCAGCTGTTGGGTCAGC	809	60.04
		R: AGTGAGGGTGAGTGGTCCAG		60.00
Porcine β-actin	XM_021086047.1	F: GGATGCAGAAGGAGATCACG	130	58.14
		R: ATCTGCTGGAAGGTGGACAG		59.38