

Supplementary Materials

Fc-Mediated E2-Dimer Subunit Vaccines of Atypical Porcine Pestivirus Induce Efficient Humoral and Cellular Immune Responses in Piglets

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Table S1. Primers used to amplify APPV E2, E2Fc, and E2ΔFc segments in this study.

Primers	Sequence (5' to 3')	Purpose
pMT-aE2-F	GTGGAATTC ^a TTCATGCCACAAAAGAG	Amplify aE2 gene flanked
pMT-aE2-R	GACCTCGAG ^b TCAGTGATGGTGATGGTGATG ^c AGAGCC CGATC ^d CATGACGGTACATCGTTG	with <i>EcoR</i> I and <i>Xho</i> I, and containing 6×His tag
aE2-Fc'-R	GAGCCACCTCCTCCGGACCCACCCCCGCCTGATCCATG ACGGTACATCGTTGCAG	Amplify fragment aE2-Fc' containing the 5' end of IgG3Fc
aE2'-Fc-F	TGCCTACCGTCTCATCCGCTGCAACGATGTACCGTCATG GATCAGGCGGGGGTGGGTC	Amplify fragments aE2'- Fc and aE2'-ΔFc containing the 3' end of aE2 gene
pMT-Fc-R	GACCTCGAG ^b TCAGTGATGGTGATGGTGATG ^c AGAGCC CGATCC ^d TTTACCCTGAGTCTTGG	Amplify fragments aE2Fc and aE2ΔFc flanked with <i>EcoR</i> I and <i>Xho</i> I, and containing 6×His tag
pCAG-aE2-F	AAAGAATTC ^a TCGTGCCACAAAAGACAAGAC	Amplify the full-length glycoprotein E2 gene
pCAG-aE2-R	GTAGCGGCCGC ^e CTAGTGATGGTGATGGTGATG ^c AGAG CCC ^d GATCC ^d ACTAGCTTCCACCTG	flanked with <i>EcoR</i> I and <i>Not</i> I, and containing 6×His tag

a: Restriction site for *EcoR* I.b: Restriction site for *Xho* I.

c: 6×His tag sequences in bold.

d: GS Linker sequences are shown in italic.

e: Restriction site for *Not* I.