

Table S1: Primer and probe sequences for pathogen and cytokine quantification

Target	Primer and probe ^a	Sequence ^b (5' - 3')	Accession no.	Reference
AMPV SH gene	SH F SH R MB-SH P	TAGTTTTGATCTTCCTTGTTGC GTAGTTGTGCTCAGCTCTGATA (FAM)-CGCGATCATTGTGACAG CCAGCTTCACGATCGCG-(BHQ-1)	AB548428.1	Cecchinato <i>et al.</i> , 2013
MG gene	Lp F Lp R Lp P	ACTAGAGGGTTGGACAGTTATG RYAACATATCAGAAGCAGTCATT (FAM)-CCCAACAACCTTATCATCA GATTCTGGTGGT-(BHQ-1)	AY556071 ^d	Ferguson <i>et al.</i> , 2005
RPL13	RPL13 F RPL13 R RPL13 P	GGAGGAGAAGAAGCTCAAGGC CCAAAGAGACGAGCGTTTG (FAM)-CTTTGCCAGCCTGCGCAT C-(BHQ-1)	NM_204999.1	Sewada <i>et al.</i> - 1996
chIFNα	chIFN α F chIFN α R chIFN α P	GACAGCCAACGCCAAAGC GTCGCTGCTGTCCAAGCATT (FAM)-ACTGATCTTTGCTGCCAA ACAGGC-(BHQ-1)	U07868.1 ^c	Petersen <i>et al.</i> , 2013
chINOS	chINOS F chINOS R chINOS P	CAACAGGAACCTACCATCTGAC GACCACTGGATTCTCCCAATAC (FAM)-ACTGATCTTTGCTGCCAAA CAGGC-(HBQ-1)	NM_204961	Hartmann <i>et al.</i> , 2015
chIFNλ	chIFN λ F chIFN λ R chIFN λ P	CATCAGCCCTCTGGGAAAC CTTGGAAGATGTGGAGGATGG (FAM)-ACAGCCAAGAAGAAGGAG ACCGC-(BHQ-1)	KJ206897.1 ^c	Sid <i>et al.</i> , 2017

^a F, forward primer; R, reverse primer; P, probe

^b FAM, 6-carboxyfluorescein; BHQ-1, Black Hole Quencher® (without native fluorescence)

^c Genomic DNA sequence from GenBank

^d Target gene used for primer design