

Table S1: Primers used in this study

Primer name	Primer sequence 5'-3'	Reference
PAstV 1F	TCCTGTGCTATCAGTTGCTCTC	GO914773
PAstV 1R	GATTGCTGGTTTTGGACCTGTG	
PAstV 2F	AGCAGCTGGATCGTCTTTGGA	JX556690
PAstV 2R	AGATTCAGCATCCCAGGTTGTT	
PAstV 4F	TGGCTTCAGGCCTTTGAGTTTT	JX556692
PAstV 4R	CACCGTCGTAGTAGTCGTGAC	
PAstV 5F	TGGTACGTRCACAATCTGTTGAA	JX556693
PAstV5R	TCAGTGTCTTCCCAACCRTC	
RV-P1	AAATCCGCAACTATACTGTGTGACTA	FI807867
RV-P2	TGGCCAACTGGTTCTGTCTA	
TGEV-P3	CAACCCTGAAACTAACGCAATTCT	FI755618
TGEV-P4	GCCCATCCAGTCGCACTACTT	
PEDV-P5	AGGAACGTGACCTYAAAGACATCCC	AF353511
PEDV-P6	GCCCATCCAGTCGCACTACTT	
PAstV-qF	TGGCAAAGATGTCACTGTCAAGGTC	NC 025379
PAstV-qR	CGTCTCTGGTTTAGAGTTGATGGTA	
AstV-M1F	GCT ATA CCG GTG GTG CTG TTA T	
AstV-M1R	GAG TTC CTT GTT TGG GCC ATT	
AstV-M2F	CACTCTGCGCCATTGAGAC	
AstV-M2R	TCTCCACCTCGGCTTCTAAG	
AstV-M3F	CAACCAACCCGGATGATGAT	
AstV-M3R	GACATTCCGTCCTGCGTCTT	
TIP1-O3	TTTTCTACTTGACCTCCCG	XM 021098833
TIP1-O4	ATCTCCCACATCCGACTCTA	
TIP2-O3	ATCTCCCACATCCGACTCTA	
TIP2-O4	ATCTCCCACATCCGACTCTA	
ZO-1 O3	GCCGCCTCCTGAGTTTGA	AU318101
ZO-1 O4	ACCCCGCCGTTGCTGTTA	
IL-8 F	CCGTGTCAACATGACTTCCAA	MM 2138671
IL-8 R	GCCTCACAGAGAGCTGCAGAA	
IL-12 F	AACTCTTCACGGACCAAATCTCA	MM 2138671
IL-12 R	GGTCCCGGGCTTGCA	
IFN- β F	GCTCTCCTGATGTGTTTCTC	KI147517
IFN- β R	AGGGACCTCAAAGTTCATCC	
ISG54 F	AAGAACTCCTTGAGAGCTG	IX070559
ISG54 R	CCTGTATGTTGCACATCGTG	
β -actin F	CTCCATCATGAAGTGGCAGCT	U07786
β -actin R	GTGATCTCCTTCTGCATCCTGTC	