



b

Gene / primer		GC%	Product length (bp)	Primer specificity	Primer efficiency
18S-RNA	F	48	136	√	100%
	R	56			
VpTM6-1	F	50	127	√	100%
	R	55			
VpTM6-2	F	63	115	√	100%
	R	55			
VpPI	F	50	96	√	100%
	R	44			

Figure S4. Primer evaluation for qRT-PCR.

a Melt curve peak chart of genes studied, using 18S rRNA gene as a representation. The occurrence of unique signal peak indicates that the primers are strongly gene-specific. The topology of melt curve peak charts of other genes was similar. **b** Summary of essential information of the primers for qRT-PCR. F, forward primer; R, reverse primer. √ indicates strong gene-specificity of the primers.