

**Supplementary Table 1. The primer sequences, thermocycling conditions, reaction mixtures for real-time PCR**

PCR condition	Primer Sequence 3' to 5'	Genes (ID)	Amount	Real-time PCR mix
95 °C /5min 40cycles: 95 °C/30 s Annealing/ 20 s 72 °C/30	F- CTGGCGATACCTCAGCAACC R- AGCCCTCAATTTCCCCTCCA	<i>TGFβ</i> (7040)	10 μL	SG qPCR Master mix
	F- GCAGTTCTACAGCCACCAT R- AGGAATTCAAGCCCGCCAG	<i>IL-4</i> (3565)	0.2 μL	ROX Solution
	F- GGACTCATGACCACAGTCCA R- CCAGTAGAGGCAGGGATGAT	<i>GAPDH</i> (2597)	Up to 20 μL	dH <sub>2</sub> O (sterile distilled water)
Annealing temperature (°C)		1 μL	Forward Primer (10pM)	
58		1 μL	Reverse Primer (10pM)	
58		2 μL	cDNA	
58		20 μL	Total volume	

cDNA: complementary DNA; GAPDH: glyceraldehyde-3-phosphate dehydrogenase; ID: identification; IL: interleukin; PCR: polymerase chain reaction; TGF: transforming growth factor.