

Supplementary file 1. Primer sequences used to amplify fragments of the 19 target genes.

Gene	Forward primer 5'-3'	Reverse primer 5'-3'
g-1	GCAACTTCCAATCCAAAGGA	GCATCAGAGCTGACATGGAA
g-2	TCTGTGCTTCCACTGATGAAA	TGGACTAGGACTCCCTGACA
g-3	CAGAACCCTCCTCCTCTGTCT	GCTGCTATTGGTGGTCCATT
g-4	ACGTCGTCTTGTCCTCTTGG	GCAGGTGACGCAGTCCTT
g-5	CAAAAACAGGAAGCACACCA	TACCTTGGGCCATTGGAGTA
g-6	GGTCTTGATGAACAAGGGCTA	TGTAGCTTGCTGATTCCCTTAGATG
g-7	GAAC TTGAGAAATCTTGGAAGCA	CGTTCCATTGCATCATCATC
g-8	GAGGAACGAAACCCCTTCC	ATGCATTTTTTGATCACCAGTACC
g-9	CAGGCTCCGTGAACAGGTA	CCCAAGGTCGAGAAACAAGA
g-10	GGTGATGGAACCACCACTGT	TTCCGCATTTTTCTTTCTCTGA
g-11	CTGAAACATAGACACAGGTCCA	AGGTTGATGGAGGATCCAAT
g-12	TTCCGTGGGTATGGTAGACG	TGAGCCTGGTCGCAAGTAG
g-13	CCATCATCCAGTTGAAGAAGC	CGTGCAGGGAAACTGAACTT
g-14	TGCAAGGATCTATGGGCAGT	AACAGGAAACTGCCATGACC
g-15	CAACCCAGCGTGCTCTTATT	CAGTGGCAGCTCGTAAATCA
g-16	TCCAAATGCTGTGGTTTCTG	CATCATGATCCACAGCTTTTGT
g-17	TGCACATATGAGTGCTTGGAG	CCATCCATCTGGCCATAGAC
g-18	CTCACGCAATCATGGCAAAT	CATT CAGCAGAACCTCAGGA
g-19	TGCTGCAACTGCTCCTAATG	GCTTCTCTTCCCTTGCAGTG