

**Appendix A** Gene-specific primers sequence for detection by Q-PCR

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
<i>Actin</i>	GCAGTGTTCCCCAGTATT	TCTTTTCCATGTCATCCC
<i>PAL</i>	ACATTCTCGCCACTACCA	CTTCCGAAATTCCTCCAC
<i>CHS</i>	CACCCACCTTGTTTTCTG	CCCTTTGTTGTTCTCTGC
<i>CHI</i>	TCCCACCTGGTTCTTCTA	AACTCTGCTTTGCTTCCG
<i>F3H</i>	AGTTCTTCGCTTTACCGC	CAATCTCGCACAGCCTCT
<i>F3'H</i>	TGGCTACTACATTCCAAAAG	CCAAACGGTATAACCTCAA
<i>F3'5'H</i>	AGTCTTGTGGGTGGGTTT	TGTTTCTGTCTGGTTCATCTTA
<i>DFR</i>	CTTCCTGTGGAAAAGAACC	CCAAAACAAACCAGAGATC
<i>ANS</i>	AGGAGAAGATCATACTCAAG	ACAAAGAAGCACAAAGGCAC
<i>F3GT</i>	AACACCGAATGCCTAAAC	AGCCACCCATCACTAAAT
<i>F5GT</i>	GAAGCGTCTCTGTTTTACC	CTCCTTGTCTCCATCTCG