

Appendix A Gene-specific primer sequences used for real-time quantitative PCR

Gene Name	Accession Number	Forword primer(5'-3')	Reverse primer(5'-3')
<i>Pti5</i>	NM_001247058.2	GGTGCGAGAGTATGGCTAGG	CCTTAGCACCTCGCATTCTAA
<i>SOD1</i>	M37151	TGTTGAGGGGGTTGTCACTC	CGTGAAGTCCAGGAGCAAGT
<i>ACO1</i>	X58273	TTGCTCATTTTCCTTTGTGGA	GGAAGCTAGCAAAGCAAACC
<i>ACS1</i>	NC_015438.2	TAAAGAAGGGGGGAAAATGGT	CACTCATCACTACAACAAAAGGA
<i>ETR4</i>	AF118843	CTGCAGATTGGAATGAATGG	ATAAGGCACCGTCAACATCA
<i>ERF1</i>	AY044236	ATTGGAGTTAGAAAAGAGGCCAT	CTCATTGATAATGCGGCTTG
<i>LOX1</i>	NM_001247927	AGACGAGCGTTTTGGTCACT	CACCGTCTGTTCGAAGGAGT
<i>COI1</i>	NM_001247535	TGCACTTCTTGACACAGCAGCCC	AGTACTGGCCAAGCACTTCC
<i>MYC2</i>	NM_001324483	GCCACACTGGAGGCAAGATT	TTGCATCCCATCCGATGAT
<i>JAZ1</i>	NM_001247954	CGTCCGTTGAAACAAATCCT	GGGGTTCTGTTTGTGGCTA
<i>PR1</i>	NM_001247429.1	TACTCAGGTGGTGGTGTGGCGTA	ATGGACGTTGTCTCTCCAG
<i>Glub</i>	NM_001312890.1	ACTGGCACTTCCAATCTTGC	TGCCAATCAACGTCATGTCT
<i>CHI3</i>	NM_001247475	CAATTCGTTTCCAGGTTTTG	ACTTTCCGCTGCAGTATTTG
<i>PR5</i>	GU184125	TGAATGCCCTGGTTCGCT	CATCGGGACATCTTTGTTTGA
<i>TSI-1</i>	NM_001247423.2	GAAGCTAATGATAATGGAGGTTGTG	AGGTATGCTTCTACAGCCTTGG
<i>SlActin</i>	AB199316	TCGGAATGGGACAGAAGGATGCG	TGCCTCAGTCAGGAGAACAGGG
<i>BcActinA</i>	NC_037325.1	ACTCATATGTTGGAGATGAAGCGCA	AATGTTACCATACAAATCCTTACGGA