Supplemental Table S1. Primers used in this study

Purpose	Gene Name	Forward primer (5'-3')	Reverse primer (5'-3')
Gene clone	*MhLHCB15*	ATGGCAGCTTCCATGGCT	TCACTTTCCGGGAACAAAG
	MhLHCB15-PRI	CATATGCCCGTCGACCCCGGGATGGC AGCTTCCATGGCT	TCAGAATTCGGATCCGGTACCTCACTTTCCG GGAACAAAG
	MhLHCB15-BD	ATGGCCATGGAGGCCGAATTCATGGC AGCTTCCATGGCT	TGCGGCCGCTGCAGGTCGACGTCACTTTCCG GGAACAAAG
	SGR1-AD	ATGGCCATGGAGGCCAGTGAATTCAT GGGAGCTTTGACTGCTGC	TGCAGCTCGAGCTCGATGGATCCCTTAGTTT GTTTCCTGGGTTTGCC
	THF1-AD	ATGGCCATGGAGGCCAGTGAATTCAT GGCGGCCGTTGCTTCT	TGCAGCTCGAGCTCGATGGATCCCTTACTGG CAAACATAATCCCCC
	NDUFS1-AD	ATGGCCATGGAGGCCAGTGAATTCAT GGGGTTGGGATCGCTTG	TGCAGCTCGAGCTCGATGGATCCCTCACTTC TTCAGGAGCAACGAA
	CSN5b-AD	ATGGCCATGGAGGCCAGTGAATTCAT GGACGCGCAAATAGCCC	TGCAGCTCGAGCTCGATGGATCCCTCAACTT TCAACCATTGGTTCG
	LHCA3-AD	ATGGCCATGGAGGCCAGTGAATTCAT GGCTTCCAACACTTTGATG	TGCAGCTCGAGCTCGATGGATCCCTCAAGGC AAAATCCCTTTGG
Quantitative real-time PCR	*qMhLHCA1*	GTCACAACATGCTTGCTGGGAAG	AGCTGCCAGGGAACCACAATG
	qMhLHCA3	TGGTGCCAATGCCTCCTCAAG	CCTAGCCGAAGTGGGTCAAATCC
	qMhLHCA7	CAATGTTGGGTGTTGCTGGGATG	GGTGGACGAAGAGGCGAAGTAC
	qMhLHCA8	GGTCCGTTGCTGAATCCTCTAGG	GGGTCCCACATGAGTCACAGATG
	qMhLHCA9	TCAAGAACGGAAGGCTGGCTATG	CGAGGTGAGCGAAGAGGTTGTC
	qMhLHCA10	AGCCTACGGTGAAGTCATCAACG	GGAACCAAGGAAGGGCAGTCTC
	qMhLHCB2	ACTTCAGCAGAACAGCGAGGTC	TCTTCATCAGCGGGAGCAACAG
	qMhLHCB11	AAGCCGCTTCAGCCGTACAC	AACCACTACACGATCTGCACTCC
	qMhLHCB12	GCTCGCTTCCAGGTGACTACG	TACCAACGACTGCCGCCATTG
	qMhLHCB13	GGCAACTATGGCTCTCTCATCCC	AACCCTACCGTTTCCTTGGACAG
	qMhLHCB14	GGATGGGACACTGCTGGACTATC	CGAACTTGACGCCATTCCTTGAC
	qMhLHCB15	ACCTTCGCCAAGAACCGTGAG	GCCGAACTTGACACCGTTGC
	qMhLHCB17	CCAACCTAGTCCACGCTCAGAG	GTTGCCCTCTCCTACGCCATC
	qMhLHCB18	ACTTGGCGGGTGACATCATCG	GCTCGCACTCCCTAAACCTCTG
	qMhLHCB22	GTGAGGCTGTTTGGTTCAAGGC	TCCACGGCACCCATCAAGATAAC
	qMhIRT1	CATGGCACAAGTCCCTTTT	ACCACAGCCATCTCTTGGTC
	qMhFRO2	TCAACAACCAAAGGGCAAAAAAA	AAGGCAATGAACATCACCAGGAAAG
	qMhAHA2	ATCTGCCCTTACTGGGGAGT	AAATGCAGAAGTTCCCGATG
	qMhAHA8	TCGGTGTGA A TGTGAAGATGAT	TCAGGAAATACTCAGCAAATC
	qMhFIT	GGGAAACCATCAAGGAGGTCATA	AGCCATTCATCATAAGCTCAGGA
	qMhFER	ACAACGACGGTGATGATTCTTCAG	CGCCCTCTCCTTCTTCTCTCAG
	qAtIRT1	GCTCTTGCGATACCGAGTCA3	GATACAACCGCCAAGACCCA
	qAtFRO2	GGTTATGGTGTGCGGAGGAA	TGGCAAGACAAGATCGAGCA
	qAtAHA2	AGCTGATGCCCGTCTACTTG	CCAGTGGCAATAACAACCGC
	qAtAHA8	CAAGAATCGTCGGTTGTGGATGG	GTGAGAGCGTAACGGATGATGAAC
	qAtFIT	GGAGAAGGTGTTGCTCCATC	TCCGGAGAAGGAGAGCTTAG
	qAtFER	GGCATCCTTCAGGTTAGAATAGACG	GGCTACTCCTCCTCCCTTGTTG
	qAtHEMA1	AGGAGTGCGGTGCGAAGTG	CAAGAGCGGAGACATTGGAAGC
	qAtGSA1	ACTCTGGCAATTTCACAAACAATCG	TTCCACTGAGCAACAACTTCATCC
	qAtCAO	CCACCACCACCTCCTCATTCC	TGGATGGCGGAGACGGTTATG
Reference genes	*MhGAPDH*	TGAGGGCAAGGTGAAGGGTATCTT	TCAAGTCAACCACACGCGTACTGT
	AtActin	CCACATGCTATTCTGCGTTTGGACC	CATCCCTTACGATTTCACGCTCTGC

Note: Sequences underlined indicate enzyme restriction site.