

Table S1. Primer sequence of related genes for Real-Time PCR

Gene Name	Gene ID	Prime Direction	Primer Sequence 5'-3'
<i>CRTISO</i>	LOC18043114	Forward	TCCAAAGTCCTACCGAGAT
		Reverse	GGTCCCAGTCATTACACAAC
<i>GGPPS</i>	LOC18042186	Forward	TTCCACTTCCACATCCTGCTA
		Reverse	TCGCCACTGACTGACTTCCT
<i>LCYB</i>	LOC18031713	Forward	GGTTCTTGATGCTACGGGATT
		Reverse	CAAACGGGTGCTCTTCTAC
<i>LCYE</i>	LOC18056072	Forward	AAAGCATTACGGAATCTAC
		Reverse	GGACAGAAACTTTGGGAC
<i>LUT5</i>	LOC18039008	Forward	GGAGCTGCAGTTTCATGAGG
		Reverse	ACTGCAGCTGATGTTTCGTG
<i>PDS</i>	LOC18034521	Forward	CTGGATTACAACCCGGCATG
		Reverse	AATCTTCTGTTGACGGTGCG
<i>PSY</i>	LOC18039146	Forward	TGGAGAAGTGGCCATGTCTT
		Reverse	CGCAAACCTTCTCCACAACGA
<i>ZDS</i>	LOC112098231	Forward	ACAGAGAAGGGCAAGGTTC
		Reverse	AGGTCCCTCACGGTACAAAG
<i>ZISO</i>	LOC18046078	Forward	GGGAAACTGGGGTCATGAGA
		Reverse	GTTCGCCTCTTCACAGCTTC
<i>ACTIN</i>	LOC18038212	Forward	GCTATCCAGGCTGTGCTTTC
		Reverse	AACAATTTCCCGCTCAGCAG