

Supplementary Materials

Table S1. Genes and primer sequences used for qRT-PCR.

Target Gene	Primer name	Forward primer	Reverse primer	Accession No.
Prolamin 10 kD	10 kD	TTATTTGTGCTGGACTCGGG	GAGAGTTGGAAGTTGACAGGG	EF122448
Prolamin 13 kD Class I	13 kD-I	CAACTACAGTCGCATCTCCTAC	GGGTTGCCACTATGCTATACTG	EF122447
Prolamin 13 kD Class II	13 kD-II	GCTCTGTTGGCTTTTAACGTG	ACTCATTACAAGACACCGCC	GU120358
Prolamin 13 kD Class III	13 kD-III	TCACCCGTGTTTCAACTGAG	CACAATAGCCTGAACACTGC	FJ940200
Prolamin 16 kD	16 kD	CTCAATTTGCCCTCCATGTG	AGAACCGCAATGACCAGTAG	EF122449
Glutelin A	GluA	AATGATGGTGAAGTGCCGGT	TCACGCCTGTATGCTTGAGG	EF122456
Glutelin B	GluB	ATTGAGCAACACTCTGGGCA	TGGCTCTGTAGCCTCTTTGC	EF122460
Glutelin C	GluC	CACAAGGGCCAATAGCCAGA	GGTCACGTACATCACCGTGT	EF122465
Glutelin D	GluD	AAGACAGAGCGACCAAGCTC	ATGTGCAACACTAGCCGGAA	EF122464
Globulin-1	Glb-1	AGTCGGAGATGAGGTTTCAGG	GAACATCGGCTGGAACCTC	GQ848069
ER luminal binding protein	BiP	AGGACATCAGCAAGGACAAC	GGACTCAATCTCAACACGGAC	AK065743
Protein disulfide isomerase	PDI	CCGATTGTTCTTGCCAAGGTTG	TCCTGAATGTTCTTGCCCTG	AK068268
calnexin	CNX	TCGACAACCCCAACTACAAAG	ATCTCAATCCCAATAGCGGC	AK069118
Ubiquitin	Ubi	GAAGTAAGGAAGGAGGAGGA	AAGGTGTTCAAGTTCCAAGG	EF575840