Table S1. Primers used in the analysis and alignment of all studied genes.

Gene	Accession number	Primer sequence F – forward primer R – reverse primer	PCR product length
Reference genes			
EF1α	LOC102600998 LOC102600107	F – ATTGGAAATGGATATGCTCCA R – TCCTTACCTGAACGCCTGTCA	101
Cyclophilin	LOC102586427	F – GCTCTTCGCCGATACCACTC R – ACACGGTGGAAGGTTGAGC	120
Target genes			
P5CS1	LOC102582423	F – CTGCTCCTACATTTCTCTCCTTCG R – CGCTCCTAATCTTCCAAGTGCT	160
PDH	LOC102588726 LOC102588395	F – ATAACTGCAATTTGTACACCA R – GGCGAAAAGTGGAAGCG	117
PAL	LOC102596343 LOC102585357 LOC102585026 LOC102587888 LOC102596891	F – TCGCTGAAGTGATGAACGGAA R – ATTGTGGAGATGTTCGGAGA	207
CHS1a	LOC102577871	F – CTTGTCCCCGATAGCGAA R – AAATAGAGAGTTCCAGTCAGAT	162
APX1	LOC102586473 LOC102586145	F – CTGGTGTCGTTGCTGTTGAA R – AAGATAAGAGGATTGGCGGTC	259
APX3	LOC102597356	F – CCTTCTTTAGGGATTACGCCAT R – AGCCACAACAACACCTACAGCA	131
SOS1	LOC102602690	F – TTGCCTCACCATTCCATTG R – TGATGCTTCTGTGTTGTGGAAG	138
NHX1	LOC102578176	F –TGTTGATCCCTTTCGACCAT R – CCAAATAGGGGTCGCATAAA	111
NHX2	LOC102605641	F – TGTTACTGGCATTCTGGTTTAC R – AATAGACAGAACAGTGACAGGA	124
NHX3	LOC102589621	F – GTCCATTACTGCCCTTGTTAT R – AAATGATAGGTGGAAGAAGGTAA	131