

Table S11. The primers used in this study

	Gene	Primer (5' to3')	Product size (bp)
<i>β-Actin</i>	Glyma.02G091900	F:GCATTGCAGATTGTAACCCCTTT R:CTCTCCTCACCTTCTGCAAATA	96
	Glyma.04G193400	F:CACGCTTTTCTCTACAGTCATG R: GTAATGAAAGGGTCGTAAACGG	135
	Glyma.04G193500	F: CCTATTTACCTATCACTGCGGT R: AGAAAGTGGTTGGAGTAGGAAG	97
<i>GAPDH</i>	Glyma.06G172600	F: GGAGAAAGAAGCTTCCTACGAT R: TTGATCTGCTATCGCCGATAAA	131
	Glyma.06G172700	F: TAAATACGACAGTGTTACGGA R: GACTCAACAATGATGTCAGCTC	159
	Glyma.18G009700	F: GGTAGACGGCCTTATAGGTTTT R: GACGTGGAAAACAAAATGTTGC	101
<i>TPI</i>	Glyma.13G336200	F: GAGGCAGCTTTTGAATGAATCA R: CTGTTCAAGAGTTTCCCCAATG	106
	Glyma.15G038100	F: ATTGGAACAGGAAAGGTTGCTA R: CTTACAGATGCAGCAACTTCAG	107
	Glyma.02G222400	F: TATTGGTCAAACCTGTGCAAC R: AAACACAAAGCCTCATTACAG	88
<i>FBA</i>	Glyma.12G037400	F: AAAACACTGCCTTGAAGACATG R: GTGTTGCTGCCTAACAAGTATC	213
	Glyma.14G189400	F: ACTCCTGGAAAGGGTATTCTTG R: GAGATATTTAAGAGCACCGGGA	147
	Glyma.17G075300	F: GCTGTTTCTGCTCTTCATATGG R: GATGCATTGTAAGGAAGTCACC	115
<i>GPD</i>	Glyma.05G199800	F: CAGTTTGC GGTTTGTATAGAA R: GTCATAGTAAGGGCTCTGTCTC	106
	Glyma.08G362900	F: CGTCATGGTTAGTAATGCAGTG R: AACGCACAACCATTGTATAGTG	199
	Glyma.18G299100	F: GGAAATTGTCCGCTTCAAGTAA R: GCATGTGTTGTGTCATCGATTA	157
<i>P5CDH</i>	Glyma.19G131500	F: GCGCAAATCGAAATTGATTCTC R: ATGAAGCCGAGAGTG TAGGATT	85
	Glyma.13G049700	F: GAATGTGGATGATGAAGTCGAG R: GAGAAGAACGTCTCTTTCGTGG	85
<i>PRODH</i>	Glyma.19G043000	F: CACAAACACCCTTTGAGTTCAT R: GTTGCCATTAAACTCTCGGAAG	101
	Glyma.02G251100	F: TAAAATAGCTGATGCCCTGGAA R: GTTGCAATAATTCGCATGTTG	169
<i>P5CS</i>	Glyma.14G065600	F: CCAGGCCATATCTTCAGAAGAA R: TTTCATATCCTGCTTGTTGTGC	131
	Glyma.18G034300	F: TTGCTAAAAATAGCTGATGCCC R: GTTCGTTTTAACACTCGACCAA	209

<i>OAT</i>	Glyma.05G141900	F: TGATCGTTGTGGTAGAGTCTTG R: TATTGGAGCATAGTTTCCAGGG	137
	Glyma.08G097800	F: GTTGCAGAAGACAAAGCCAATA R: CACATGCAATTCATACGTGTCT	109
<i>P5CDH</i>	Glyma.05G029200	F: ATCTTGCTGAGAGAAGAAAGCT R: CAGCTTTGATCCTGGTATCTCA	116
	Glyma.17G097800	F: CAGGATCAAAGTTGCTATTCGG R: TGACTGTTTTGATAGTCCGTGA	187
<i>BADH</i>	Glyma06g19820	F: TACATATCTGATGAACCGTGGG R: GATAAAATCAACTCAGCCCGTC	200
	Glyma05g01770	F: TGAAGCGGGTGCTCCTTTAG R: AATATGGTCCATTCAGCAGC	195
