

Table S1 Primer used for the quantitative PCR analysis

Gene name	AGI No.	Primer sequences (5' to 3')
<i>Actin2</i>	At3g18780	ggcaagtcacacgattgg and cagcttccattcccacaaac
<i>HsfA2</i>	At2g26150	gtgttgaggttgggcaatacg and ttgetgtgcctcaacctaactac
<i>GolS1</i>	At2g47180	agccgttcacaccgctcttac and actcctggcaacattcaagcag
<i>GolS2</i>	At1g56600	aagaagcaacagacacttcagcag and tgaagaggcgtatgcagcaac
<i>GolS3</i>	At1g09350	acaggccaagaaggaaatattgg and gatggagctttggcacattg
<i>GolS4</i>	At1g60470	agatcggaagaaccgttac and cagcagaaggagcaggaaagtag
<i>GolS5</i>	At5g23790	agaaactgttggcgatgtcc and aaagttgcaaacagcctccac
<i>GolS6</i>	At4g26250	aaggaatctgttggcgatg and gcatagatagagctccacataaag
<i>GolS7</i>	At1g60450	aggttgacttgagagtgtcaaag and tgacgtcttctgtccatgtag
<i>GolS8</i>	At3g28340	catcctggctccggttagttgatac and actgcctctgtgacttgaagatc
<i>GolS9</i>	At3g06260	gatatcatcctagcagcgttgac and gccacagcttctatgtcgtctac
<i>GolS10</i>	At5g30500	tteactggagaagaggagcatatgg and aaggctgcaacgatcggattc
<i>RS1</i>	At1g55740	cgtaggatgaaacttcgaggc and gtactccacgtcgtctgaatccac
<i>RS2</i>	At3g57520	taaaatgcccgttgaagc and tcgtcaccggcagattcaaag
<i>RS3</i>	At4g01265	cacacgatccacattgcttctg and gcgtgcaaactatgtcccagtc
<i>RS4</i>	At4g01970	acagcataagagtggagctgaaag and tcgttcaagtaaacacttcaccgg
<i>RS5</i>	At5g40390	gtctggccagatggtttgtcttc and caacgaacggtacggagttaag
<i>RS6</i>	At5g20250	gtctcactcaaaatccgtgagcac and tcgatagctcctcccgaattg

