Table S1 Primers used for gene specific expression analysis by qRT-PCR

Gene	AGI code	Forward primer	Reverse primer	size
Act2	AT3G18780	ACCTTGCTGGACGTGACCTTACTGAT	GTTGTCTCGTGGATTCCAGCAGCTT	298
CHS	AT5G13930	GTTCAAGCGCATGTGCGACAAG	GCCGCTTCTTTGCCTAGCTTA	165
FRK1	AT2G19190	CCGTGAGCGGAATTACCATTAAC	GGCATCAACATCCTGTGGATG	140
F6H1	AT3G13610	TGAGGTGATTGCAAACGGAGAG	CGACGGTTTTCTTTCCATCGTG	104
CCoAOMT6	AT1G67980	ATGGCCGTATTACCGCGATAG	GGCCTTAAGACCATCGGAATG	119
HCT	AT5G48930	CTCTTCGTTGTGGCTGATACTCCTTCTG	CCCCCACATTTAAAGAAAGTCACCTGC	158
CCR2	AT1G80820	CTTCCCGGAGTATCCACTTC	GCAAGCTCTTGACAGATTCG	149
MYB4	AT4G38620	GCCACGTTGTTTCAAGTGCA	TCCATTGCTCATGTCACTCC	115
MYB7	AT2G16720	CATAGCCTCCTAGGCAACAAG	GTTGATCCCTCTATGAGTGGC	147
MYB12	AT2G47460	TCAGACCTCAAGCGTGGAAAC	TGGTAGATGACCCGCGATTAG	105
MYB29	AT5G07690	TACCGGAGATAACCAGCAGTG	AAGGTTCCTTCGATGGAGGC	166
MYB32	AT4G34990	GTTCTCTTCCTAGATCCGCC	TCTCGTCGCAATAAGAGACC	173
MYB75	AT1G56650	CGAAAAGGTGCTTGGACTAC	CGGTTTAGCCCAGCTCTTACA	107
MYB111	AT5G49330	GGCAACAGATGGTCACTTATTG	GCTCCAGAAGACGATGAACAAG	182
bHLH78	AT5G48560	AACGTGGACGCTCTTGTGTC	GGGTAAGTGTTGGTAAGTGAGTG	241
bHLH UNE10	AT4G00050	CCAACATGATGCCAAACCCA	GCAGACATAGGATCGGGGATG	106
bZIP61	AT3G58120	TCAAAGACGCTCATCAAGAAGC	GTTCCTTCTCAACGGACGGT	141
WD40	AT5G53500	GCCAGAGGAAAACCTACCC	TCACAGGCAACCCGTAGTTC	179
WD40	AT1G64610	CGAGGGATTTCTCTCGCACA	AGGCCACGTTGTTGATCCTT	151
NAC003	AT1G02220	GTCAGTTTGGTGATGTGCTG	CCATGTTTCCCATTCCTCAATC	135
WRKY27	AT5G52830	CCCGTTAACCCGGTTCCTAA	TCATCTCGATCTCTCACCGCT	263
Bak1	AT4G33430	GAGTCAGAAAGTAGTGTCGCC	CAGGACAGCAGTCAAAGACC	199
MPK3	AT3G45640	CCAAGAAGCCATAGCACTCA	AGCCATTCGGATGGTTATTG	91
MPK4	AT4G01370	CGTTGTGCCACCCATATTT	AAAATTGAACGGCCTCACAC	74
PDF1.2	AT5G44420	CGCTGCTCTTGTTCTCTTTGC	TCCATGTTTGGCTCCTTCAA	154