

**Additional File 6: Table S1.** Information on genes tested and primers used in this study

Gene (locus code)	Locus code	Primers / product size (bp)
<i>API</i>	AT1G69120	5'-ATGCTGAAGTTGCTCTTGTTGT-3', 5'-AATCTTAGCCTTAAGCCTGTTA-3' / 188
<i>EF1<math>\alpha</math></i>	AT1G07920	5'-GCTGATTGTGCTGTCCTTAT-3', 5'-TAGTGGCATCCATCTTGTTAC-3' / 151
<i>FD</i>	AT4G35900	5'-TCCACCATTGTCCTGCTCT-3' 5'-TACGCTTATACCTTCTGTCTCC-3' / 220
METC 1	At3G03070	5'-AAAGCCCTAATCCGATCTCAGA-3' 5'-GGTGTCTCCTTCACAAGCAACA-3' / 210
METC 2	At5G67590	5'-ACAAGCGTGGTGAGATCGGTAA-3' 5'-AATCAAAGCAAGAGCAGAGTC-3' / 228
METC 3	At2G02050	5'-GCACTTGGATCTAGAGATATGT-3' 5'-CGTTTCCTTGAGTTTATTCTG-3' / 208
METC 4	At5G18800	5'-GATCCCTACTTCGGCGGTTTTA-3' 5'-CACCCAACATAATCATCCATCT-3' / 242
METC 5	At2G20800	5'-TTTTTCCTTCACTCCTCTCT-3' 5'-GTCAAACCTCTGTTGTGCCCTTA-3' / 204
METC 6	At1G15120	5'-ATGGCAGATGATGAAGTTGTTG-3' 5'-TTTAGTTTCGCAAACAGCTTTG-3' / 206
METC 7	At3G10860	5'-AGCCGGTGAAATTGAAGCGGT-3' 5'-GTGCTCAAGCTTCTCCTGTTCC-3' / 200
METC 8	At5G05370	5'-GGTGA AATTGAAGCGGTGGTT-3' 5'-ACCTGTGCTCCAGCTTCTCTTG-3' / 200
METC 9	AT1G53030	5'-CACAAGACAGTGCCTGTTCTTT-3' 5'-CAAACCTTGAAACCCTCTGATC-3' / 202
METC 10	At5G04750	5'-TCGGCTCGTTCTGCGATCACAA-3' 5'-CCAGTCTCTCCCTCTCCATT-3' / 194
METC 11	AT2G19680	5'-CATCAA AATTGGTTCAACTTCA-3' 5'-CTTTCCTAAATGTTTCGTAGCG-3' / 210
METC 12	At4G29480	5'-TGCCACTGTTGAGAAGTGCCAA-3' 5'-TGTGAAGGTGAATCCTCTGCCG-3' / 232
METC 13	At1G51650	5'-TCGAATGCGGCGGTCCGTTCT-3' 5'-TCAGGTGTGTCTGACCGCAAAA-3' / 200
<i>RfBP</i>	LOC102455463	5'-CGACTCCTCCTGCCTCTGCTT-3' 5'-ACCTCCACCCCTTCTCTTCC-3' / 171