

Additional file 3 Primers used in this study

Gene	RAP-DB ID	Primer name	Primer sequence		Product size (bp)
			Forward (5'-3')	Reverse (5'-3')	
<i>APO1</i>	Os06g0665400	cds_apo1	TCACATGAATTAATCCCTTGGCATC	ATATGATCCCCATTGCTGAAACAAC	1680
<i>APO2</i>	Os04g0598300	cds_apo2_1	GCAACGAGCTATGGAGATTTGTC	TCGCTTTACGTCTGCATGCTTAT	1317
		cds_apo2_2	GGTGATTGGATGGCTTTGCATC	GGCCATGAGGATATGTCACGAT	991
<i>Ghd8</i>	Os08g0174500	cds_ghd8_1	TAGTAGCGTCCTTATGTTTGCTTTG	GGATCACAACCGAACTCCTACAG	1263
		cds_ghd8_2	CGAAACTGCAAACCATGTGTAGGAC	CAACGCCAAGTTACGTGCCAG	501
<i>Hd1</i>	Os06g0275000	cds_hd1_1	GAGGTAGAGGAACAGGAGAAGACG	TTTAATCAGCCTAAAGATCGCAGC	1214
		cds_hd1_2	TACACAGCAATCACCACACGAAAG	CTCATCACTGCTCTTTGCTTACTTC	854
<i>Gn1a</i>	Os01g0197700	cds_gn1a_1	CACCACAGCTCTACTGTCTATCTAG	CTTCTCCTTCGAGCACGTCAC	947
		cds_gn1a_2	GTGTCGTGGACAGACTACCTC	TACTTCCAGTTAGGTGTGTGATAGC	1277
		cds_gn1a_3	CTGTCCATCCACGCTGCTAG	GCTTGACTAGAGCATTGTCCATTG	1326
<i>FON1</i>	Os06g0717200	cds_fon1_1	CATTGACCACGCCAACCTAAC	CGACGAAGTCCGGTATGCTG	1176
		cds_fon1_2	TACATCGGATACTACAACCACTACG	CTCGTTGAACACCAAGAACTGC	1146
		cds_fon1_2-3	GAGCATCACGTCGCTCAAGATAC	CAGGATAAACTTGTGGGTCTTGG	1126
<i>SP1</i>	Os11g0235200	cds_fon1_3	AAATGTGCAGCTCTAATGGCTGTAG	AGCAGTAGTAATCCGCCTGTTATTG	645
		cds_sp1_1	AAGCACAAAGCAAGCACTATCAC	CAAGGAGCCAAGAAATGCAGTC	777
		cds_sp1_2	TTTCGAGCAGGTTCAATTGCATC	GTACGACGATTGTATTGTACGGC	655
		cds_sp1_3	AATTACCACTGTCTGCTGGGAGG	ATGGAGAAGGTGACGGCGAAGAG	979
<i>DEP1</i>	Os09g0441900	cds_sp1_4	GTGAAGGTGCTACTGTGCG	GCATCCTTGCAGAGTCAAAC	1082
		cds_dep1_1	CTCTCCATCTCCGCTGCTATTATTG	GTACACTTCACAGCATCCTACTTG	697
		cds_dep1_2	TTCGTA CTGGTCAATTACTCCAGG	AGAGCATAAGACATTAGATAAGGACAG	553
		cds_dep1_3	CCGATTCTTTCCATGCGATGTG	AATTGGTAGAGCACGAGCCAC	1486
<i>LAX1</i>	Os01g0831000	cds_dep1_4	ACTTGCACCCTTCCAAGCTGTAGC	TCATCATTTCTTTACAGGATAAACACC	719
		utr_lax1	AAGTTATGAGCACGAGAATTACAG	CGTGAATACGTGAGCTACCATC	1649
<i>MOC1</i>	Os06g0610350	cds_moc1	CATGATGACGTAAACGAATCTCGG	ACGAATAAAATTGCACATATAGAGGG	505
		asp_moc1_g	AAAACATGAGATGGTTGGACAG		200
		asp_moc1_c	AAAACATGAGATGGTTGGACAC	TGCATGGAAACCTTTTAAACG	
		common_moc1	CGTCCATTTCTCGATCCAAT		498