

Table S2: Summary of genes information for qRT-PCR

Locus number	Forward primer	Reverse primer	qRT-PCR	RNA-seq
LOC_Os04g33050	ATAGCATGCCACAACAAGGAGA	TAAGAGCTTTGGATGGTGGCAT	+	+
LOC_Os01g65890	TCTTGGTCACGAAGAGATCCTA	GTGATGATTCTGGGGCTATGA	+	+
LOC_Os02g57350	ATGGGGAAGAAGAGCAAGAACG	GATCTTGTCCTTGACCCATTG	+	+
LOC_Os05g15770	TGTCGCACAAGGATCTCTACTA	GTCTTCTGTCCAGTACCTG	+	+
LOC_Os10g11500	ACTACCACTACGACCAACAC	TCGTAGTTGCAGGTGATGAACA	+	+
LOC_Os05g34150	GAGGACCTCGGCAACAAGAG	GTACTGGAGGATGATGACGGAC	+	+
LOC_Os10g18370	GAGGAGTGCTTCTTCTGCTG	GAAGAAGCGGAAGTCCCTCAC	+	+
LOC_Os08g33100	GACAACAAGAAGACGCGGATC	GAGGAGCAGGTTGTGGATGTT	+	+
LOC_Os08g06110.2	GCTCTTCATGTGTTCCAACAC	CCATGAATCACTTGTGCTTGCA	+	+
LOC_Os12g31370	TGGTGGACGCTTGGATTGAT	CAGGATCCAGGGCGCTAT	+	+
LOC_Os07g30670.1	TGCATCGTCGAGGTAGTTGAAG	CACGCCAATCTCCATGTCTTTG	-	-
LOC_Os01g50622.1	TGCGGATTACAGAAATGGTCCA	TAGGAACCTTACACCGGAAAGC	-	-
LOC_Os03g38950.1	CTTCCCAGACGAAAACGTTGTC	GAATCGGAATCCATTGGGCATG	-	-
LOC_Os01g01340.1	ACAGCTCTAACATCTCGGTGTT	TCGTCGTAGGATAGGTAGTCCC	-	-
LOC_Os08g33100	GACAACAAGAAGACGCGGATC	GAGGAGCAGGTTGTGGATGTT	-	-
LOC_Os07g43810	GTGGCTTTGGATTTCGTACA	ATCTTGGCGGAAATCATCC	-	-
LOC_Os10g39150	GTTTCATCAACGCCCTCAAACAA	GAAGCCTGTCAATTGCCGATAC	**	-
LOC_Os11g40150	GTTTGGAGTGGCTGTGGTTA	TGAGCCATGATGTTTCCACC	-	-

+: up-regulated genes
 -: down-regulated genes
 ** null