

**S4 Table. Primer sequences used in quantitative RT-PCR. \*Ref.[54].**

Gene	Locus ID	Forward primer (5'-3')	Reverse primer (5'-3')
<i>AGPL1</i>	Os05g0580000	GTCATCACAAACAGCGAGGGTG	GAGATCTGTGGCATCAGCGAG
<i>AGPS1</i>	Os09g0298200	ACGCCTTAATCCCTAGCGGAAC	TGCTGCAAGGCCCAACCTTATG
<i>AMY2A</i>	Os06g0713800	CGTCGCACTCCGTCTCCAC	GATCAACGACTTCAACTCCATC
<i>BAM2</i>	Os10g0465700	ATGGAGATGGCCCGCAAGAC	ACCTCGGGAGCGGGATGTTG
<i>BAM3</i>	Os03g0141200	TCGGCGACTCAGTCACTATAACCAC	AGCGAGAGGTATTCGTAGTTGCG
<i>BAM8</i>	Os09g0569200	CGGTTACAAGCGACTCTTCC	CTTCCGATCTCTGTTACCCAATG
<i>BAM9</i>	Os03g0351300	CCGCCTTCCATGACTTCTTG	CGGATACGAAGGGTACTTGAG
<i>BE1</i>	Os06g0726400	TTGGTGGCCATGGAAGAGTTGG	TTCTGGTACTCCTGGCATTCCC
<i>GBSS2</i>	Os07g0412100	AGGGATGAGATATGGAGTGGTTC	CGTCCACTGGATCAACAGTTTC
<i>GWD1</i>	Os06g0498400	GCGAAATACGGAAAACCTGTTCTC	GTTGGTCACCTTCATCTCCAG
<i>ISA3</i>	Os09g0469400	CAATGCACATGACTATTTTGTGGAC	AGCAGAATGGAAGAGTATGGAGC
<i>MEX1</i>	Os04g0602400	TTTCTTGGCAACAACATTTGGAC	CTTCAAAGAAGTCACGGGTGAG
<i>pGlcT*</i>	Os01g0133400	TGGAGCTTCGAGGGTTGTGA	CGGTGGCATACTGGCATCTA
<i>PWD-like</i>	Os12g0297500	CTCTTTCTGTTCTTGCTTCATTGTC	CTTGAGCGCATCCTCCATTG
<i>SS2b</i>	Os02g0744700	ACAACATTGCTCATCAGGGTCGTG	ATCGATGTAGTGCTCGGGCAAG
<i>SUT1</i>	Os03g0170900	TGCCTCGTCCTCTTTGCGTTTC	GCGATGACCACCTGAGGGATG
<i>UBQ5</i>	Os01g0328400	CAGGCTTAGGCGTAGGCTC	CATCTAATAACCAGTTCGATTTCC