

Supplemental Table 1. Sequences of primes used in genetic mapping

Primer name	Forward primer (5'→3')	Reverse primer (5'→3')	Marker type
Tak6166-3	ACATCCGATAATGGAGTCGACG	GGGACGTCGACGCAGAAC	InDel
ERF2-1 (for Koshihikari genotype)	TGAATTAGTTTATTATTACTC	TATCGCTACTCACAAATTACTTTTC	Dominant marker
ERF2-1 (for Habataki genotype)	TTAATTAGTTTATTATTATTC	TGATCGCTACTCGCAAATTACTTTTT	marker
ERF2-2 (for Koshihikari genotype)	AGTAATAATTAGTAATCCCTTCG	TCGACATAGTCAACAAGCAGC	Dominant marker
ERF2-2 (for Habataki genotype)	AGTAATAATTAGTACTCCCTCCG	TCGACATAGTCAACAAGCAGC	marker
AP2-indel	CGCGGAATCGTCGGGTGAAC	AAAACGCGTAACCGTGACGT	InDel
RM21971	GCTGACCAGCCACTCTGAAACC	TATGGTTTGAAAGGACGCGAGAGG	SSR

Supplemental Table 2. Sequences of primes used in qRT-PCR

Primer name	Forward primer (5'→3')	Reverse primer (5'→3')
RT-OsUbi1	TGAAGACCCTGACTGGGAAG	CACGGTTCAACAACATCCAG
RT-Sus3	GTTGAGGAGCTGAGTGTC	TGTGCGCACGAAGAAAGTTG
RT-Sus1	ATCGTGAGAAGCTGAAGGAC	CATTGACCCTCACATACTCC
RT-Sus2	GTTTCGATGCCTTGATCGAAG	AATGTAGTCCCAGACACCAG
RT-Sus4	GATCATGTTCCGGAACAAGG	ACTGAAGTCTTCCCAGACTC
RT-Sus5/7	GCTGAGTTTCAAGCGAATGG	GCCTCTTACCCTTTGATACG
RT-Sus6	CCAAGTTAGAGCTCTGGAAG	CGGTTCCAACCTTACATTCG