Table S1. Primers used in this study.

Name	Purpose	Sequence
OsMADS2-GF	Genotyping	CCTACTGAACCGCCTCGAAA
OsMADS2-GR	Genotyping	GGGGGAGCAGTAGTCGTAGA
OsMADS3-GF	Genotyping	ACCAGCAGGAGTCCTCCAAAC
OsMADS3-GR	Genotyping	CAACTTCAGCATATAACAGCTCATTC
OsMADS4-GF	Genotyping	GAAGAACGGCAACTCCCCAA
OsMADS4-GR	Genotyping	GAAACACGGACGTGGTCTTG
OsMADS6-GF	Genotyping	ATGCCAATGCGGTGCACATA
OsMADS6-GR	Genotyping	AACCCATCCCAGCATGAAGT
OsMADS1 qF	qRT-PCR	GCAACTACAACTCACAGGATGC
OsMADS1 qR	qRT-PCR	GATGAGCAACCATGTCTGCTGCT
OsMADS2 qF	qRT-PCR	CAGCAAGATATAGCGCTGAG
OsMADS2 qR	qRT-PCR	ATTGTTCTCCTGCAGGTTGG
OsMADS4 qF	qRT-PCR	AGCACAAGATGTTGGCTTTTAGGG
OsMADS4 qR	qRT-PCR	CATCTAGCAGCGCATGAGG
OsMADS16 qF	qRT-PCR	TCAAGGACATCAACCGCAACCTG
OsMADS16 qR	qRT-PCR	ATGATACTTCCTGTGGCGAACCTC
OsMADS14 qF	qRT-PCR	AGCTGGTGGAGAAGCAGAAAGT
OsMADS14 qR	qRT-PCR	GTCTCGCAACCGCAAGATGA
OsMADS15 qF	qRT-PCR	TTGGTGCCATGAATACAGGA
OsMADS15 qR	qRT-PCR	CTCGGAAATGGACTCAAGCA
OsMADS3 qF	qRT-PCR	AACGCAAACAGTAGGACCATAGTG
OsMADS3 qR	qRT-PCR	CCCCTCTCATTCTCAACAACC
OsMADS58 qF	qRT-PCR	GAGCAAAGTTGCTGAGAGTG
OsMADS58qR	qRT-PCR	GAGGCTGATGCATGATGTTG
OsMADS13qF	qRT-PCR	ATGGGGAGGGGCAGGATTGAG
OsMADS13qR	qRT-PCR	TGCGCCTTCTTGTACCTGTCA
OsMADS5qF	qRT-PCR	ATATCTTGCCAAGATGTAGGG
OsMADS5qR	qRT-PCR	AGCATAAACAAACGCACTAAA
OsMADS7qF	qRT-PCR	TGGGTTCTTCCATCCACTTG
OsMADS7qR	qRT-PCR	CGTCATCATCATGGTAGCCA

OsMADS8qF	qRT-PCR	CACCTTGCAGATCGGGTTTA
OsMADS8qR	qRT-PCR	ATCTGTGTCGTCACATCCGT
OsMADS34qF	qRT-PCR	TGAAGCAAATCAGATCAAGAAAGAC
OsMADS34qR	qRT-PCR	CCTGGAAGAAGTGCTCTGGTTG
OsMADS6qF	qRT-PCR	AGAGAAAGACGCAACTGATGATGG
OsMADS6qR	qRT-PCR	AGGCTTGCTGCATGGCTCTG
OsMADS32qF	qRT-PCR	CGTGAGGGAGTTTGTCG
OsMADS32qR	qRT-PCR	AAGCCATTGCTTAGTGAGGTG
DL qF	qRT-PCR	GCAATGGATCTCGTGTCGCC
DL qF	qRT-PCR	TGAAGCGGTTGTAAGCAGATG
ACTIN F	qRT-PCR	GAGATCACTGCCTTGGCTCC
ACTIN R	qRT-PCR	CGATAACAGCTCCTCTTGGC
OsMADS4 insituF	*In-situ* hybridization	TCCGACTACTGCACGCCCAAGACCACGC
OsMADS4 insituR	*In-situ* hybridization	GCGAAGTCCCTGTCGTCGTGGTGGTAGCC
OsMADS4 insituT7F	*In-situ* hybridization	TAATACGACTCACTATAGGGTCCGACTACTGCACGCCCAAGACCACGC
OsMADS4 insituT7R	*In-situ* hybridization	TAATACGACTCACTATAGGGGCGAAGTCCCTGTCGTCGTGGTGGTAGCC
DL insitu F	*In-situ* hybridization	GGTGGTGAATTCTGTGGCCACTGCAACAACCT
DL insitu R	*In-situ* hybridization	GGTGGTGGATCCTTCACCGCCGATATAGATCG