

Supplemental Table 1. Primers used for vector construction and Real Time PCR

Primer	Forward primer	Reverse primer
Ubi: OsMGT1	TAGGTACCATGGAGCGGAGGGCGCAGCC	CGGGATCCTCACTGCAGGATCTTGCTCT
OsMGT1-RT	CAAGTACGCATCTGTTGATC	CGCGTATTCACGGATATGGTACAGGG
OsMGT2-RT	AAGTAGGCTAGTTGCTCTGA	AGAACCATAGGAATCCGCAG
OsMGT3-RT	CAAGCATTGGTTGAGCTGGG	GGAACGGAGCACTCCATGTT
OsMGT4-RT	TGCACCTAACGGAGAAGCTC	TGTCCTCCACGTACTIONCCCTCA
OsMGT5-RT	GCAGAATTTACTGATATGGA	CAGCTCATCAAGTGCCGGAT
OsMGT6-RT	CAGGTGCTGGAGCTCGCACT	GTCTTCCACGTCATTATCCA
OsMGT7-RT	AGGTACGTCGCTGAGCTGCA	AGGATAAGCGTCAGCCTCCA
OsMGT8-RT	GACGATGACATGGCTGATCT	CAATTTGCATGAAGTATGCC
OsMGT9-RT	GGAATCCAGGCGATGCCGTT	TTCCAGCACCAGCACCTCAT