

Table S1. Primer sequences used for 5'-RACE PCR cloning of *GjUGT1~13*.

Primer name		Sequence (5' to 3')
GjUGT1	3R-Rv1	TTGATCTTCATCGCTCTCTACTGTCCC
	3R-Rv2	CTTTGCATTGGTTCCTTGATCAGTCC
GjUGT2	16'R-Rv1	CCATCCCCTTTTCTCCAACCATCAACTC
GjUGT3, 4	5R-Rv1	CATGAGTCTGCTTTCCACCAGAGG
	5R-Rv2	CACTTACCCCAACTTTCAGAACCTGAGC
GjUGT5	19F-Rv1	CCACCTTCCAAACTTCCCCCACATAC
GjUGT6	8F-Rv1	CCTCTTCTCCATAAGGTCCCTCA
	8F-Rv2	CCATAAGGTCCCTCACCATCATCTCAAC
GjUGT7	23R-Rv1	TGGATGTCACAAGTTCCTCTCGCC
	23R-Rv2	TCAGACCAATCTTCAGCACCTTCTCCAG
GjUGT8	2R-Rv1	CCTCTTGATCTCTTCTCTCTCCACCACC
	2R-Rv2	CTCTTCTCTCTCCACCACCCTGCTTC
GjUGT9	4R-Rv1	CCAGTCTCGTCTTTCACAACCTCCATGC
	4R-Rv2	ACAACCTCCATGCCTGCACCAATTTCC
GjUGT10	7F-Rv1	CCAATGCGATTTCCACAGACAATTCGAG
GjUGT11	8'R-Rv1	GCCATCCCCAAGTCTTTCAGCAGGA
GjUGT12	1F-Rv1	TGTCTCTCGTCTTCTGGCTCAGCTTTC
	1F-Rv2	TTTCTCCACCTCCTCCCCTCTCACA
GjUGT13	46F-Rv1	TGCCTTTCTCTACTTGCTCGGCTCTG
	46F-Rv2	GCTCTGACCAAAGCTTGATTTCCCTTTC