



Figure S1. MdUGT83K2 purified protein SDS-PAGE gel. 1, GST, 2, MdUGT83K2-GST.

Table S1. Primer sequence.

Name	Primer	Features
MdUGT83L3	qF: TGCTGATCAGGGTATCGGGT qR: TTTGGTGCCAACTGAATCGC	For Real-time PCR
MdUGT83L4	qF: TGCCCACCATGAAACCTGAA qR: AGGTGAATGTTGCTGGCTCA	For Real-time PCR
MdUGT83L5	qF: CACAAACGCATCGCCCTGG qR: AACTTCCCCGGCATGACTC	For Real-time PCR
MdUGT83L6	qF: GTGACAAGGTCACTTG qR: CAACCGAGTTCCTGCC	For Real-time PCR
MdUGT83L7	qF: CAAACGCATCGTGAACGCCT qR: GTCATTCCTGTCCTCCTTGGG	For Real-time PCR
MdUGT83L8	qR: CCAAAGTACATTGATG qR: GTCAACATTCTGGCTC	For Real-time PCR
MdUGT83K2	qF: TTTGTGGGTGGTCAGGGATG qR: CCAAGCTACTATCCGCCAC	For Real-time PCR
MdEF-1a	qF: AACTGGTCTGACTACTGA qR: TGACAGCAACATTCTTAAC	For Real-time PCR
MdUGT83K2	cF: <u>GGATCC</u> ATGGTCAATCCACATG cR: TTATCGTTTCATCCAATCAAGCTT	For full-length amplification