

Table S1 Primers used in this study

Primer name	Forward primer	Reverse primer	Functional identification
COMT1ORF	CACCATGGGCTCGACCGCCGCCGACG	CTACTTGGTGAACCTCGATGGCCCA	For recombinant protein assay
COMT_RNAi	CACCAGGTCCTCATGGAGAGCTGGTA	TGATCATGTGCGACGTGGAAGAC	For constructing COMT-RNAi vector
COMT1	CGGCAAGGAGCGCTACGAGAGG	GCAGGCCAGCAGCAGGATGAAGAT	For qRT-PCR analysis of <i>COMT1</i> expression
Hph3/4	AAGGAATCGGTCAATACTACTACATGG	AAGACCAATGCGGAGCATATACG	For identifying positive transgenic lines
Ubiquitin	TTCGTGGTGGCCAGTAAG	AGAGACCAGAAGACCCAGGTACAG	For qRT-PCR as the internal standard