

Supplemental Table 1. Primer sets used in this work

Purpose	Oligonucleotide name(s)	Oligonucleotide sequences (5' → 3')	
		Forward primer (F)	Reverse primer (R)
Genotyping	SALK_006783	TTCACAATGCATCCTCTTTCC	CAAACAAGTGACGTGTCAACC
	SALK_200519	TCTATCTGTGGTGCCCATTTTC	TTGTCACACAAGGAACACGAG
	SALK_004870	ACATACTGGCTAGGCATGTGG	TAGTCGGCTGGTCGCTATAAG
	LBb1.3		ATTTTGCCGATTTTCGGAAC
	UGT76E3_tar_	TGACTTTGCAGAGCATGACG	AAACAAGGGTTCTCTCCCTCA
	UGT76E4_tar_	AATGACCCATTTTCGAAAGCA	ATGGCTGCACCTTCTTCATC
	UGT76E5_tar_	TACCGATTCTGCAACCCTTC	ACAAGGGCTCTCTCCCTCAT
	UGT84B1_tar_	TCGTGTTCTTCTCCGATGGT	ATTCCGTGTCTGAAGATCCAC
qRT-PCR	q_ACT2	GCACCCTGTTCTTCTTACCG	AACCCTCGTAGATTGGCACA
	q_UGT76E5	AAGCAAACCTCAACGCCGAGA	ATGTTTTGCACTTCAGGATCTTTCA
	q_UGT74D1	TCTCTAAAAACGTCAACGTCACA	CGGAGGATGGAGTTGTGG
	q_UGT84B1	TGTAGGTTCTTTGATGATAACGA	CACATGTCCTAATGGTAACAC
Cloning	attB_UGT76E5	GGGGACAAGTTTGTACAAAAAAGCAGGCTATGGAGAAAA ATGCAGAGAAGAAA	GGGGACCACTTTGTACAAGAAAGCTGGGTTCAAGTATTT CTATACTCTGCCT
	sgRNA_UGT84B1.1	GAGAAGTGAGCACCACCAGAGTTTTAGAGCTATGCTG	TCTGGTGGTGCTCACTTCTCAATCACTACTTCGACTC
	sgRNA_UGT84B1.2	GGTAATTCCAATTGGTCCTCGTTTTAGAGCTATGCTG	GAGGACCAATTGGAATTACCAATCACTACTTCGACTC
	sgRNA_UGT84B1.3	GTTCTTCAGCGCCTTCGCTAGTTTTAGAGCTATGCTG	TAGCGAAGGCGCTGAAGAACAATCACTACTTCGACTC
	sgRNA_UGT84B1.4	GGTAGCGTACCCTAGCTGGAGTTTTAGAGCTATGCTG	TCCAGCTAGGGTACGCTACCAATCACTACTTCGACTC
	mCherry-BasI	AACAGGTCTCAAACAATGGTGAGCAAGGGCGAGG	AACAGGTCTCAAGCCTTACTTGTACAGCTCGTCCATGC
	sgRNA_UGT76E345	AATGGTAATGTGAAGAGGGCCTAA	AAACTTAGGCCCTCTTCACATTAC