

Table S1: PCR primer sequences used for the validation of novel UGT variants

UGT	Primer	Sequence	Annealing Temperature
<i>UGT1A1_Δex2</i>	p1	TTCACAGAACTTTCTGTGCGACGTGGTTTA	60°C and 55°C
	p2	CAGTGTACCGCCACAGGACCTGGGATAGTGA	
<i>UGT2B17_Δex3</i>	p3	CTACTTAACATACCCTTTCTGTACAGTCTCCGC	60°C
	p4	CTTTATTTTGACTTTTGGTTTCAAGC	
	p5	CAAATCTCCATAGAACCTTAGGCAA	
	p6	ATAATTTTCATGATATTCTCTTTATAGAT	
<i>UGT2B7_ex2b</i>	p7	AGTACAGGAAATCATGTCAAT	60°C
	p8	GCTTGATGCCCAGAGCCTTAT	