

Supplemental Tables

Manuscript Title: Potential regulation of UGT2B10 and UGT2B7 by miR-485-5p in human liver

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Supplemental Table 1. List of PCR primers used in the current study.

Primer	Sequence 5' – 3'
Outer UGT2B7 3' UTR sense	CCTTCGGGTTGCAGCCCACGAC
Outer UGT2B7 3' UTR anti-sense	ATAGGCTCTCAGGATTCAGAGGGGAGGG
Inner UGT2B7 3' UTR sense	GCTAT <u>CTAGAG</u> TTATATCTGAGATTTGAAGCTGGAAAACC ^a
Inner UGT2B7 3' UTR anti-sense	GCTAT <u>CTAGATA</u> AAGGCTTTATCTTATTTTTTATTTTCCG ^a
UGT2B7 mut. Site 1 sense ^b	AAACCTGATAGGTGAGACTACTTTTATTCCAGCAAGAAAGTTG
UGT2B7 mut. Site 1 anti-sense ^b	CAATCTTCTTGCTGGAATAAAAAGTAGTCTCACCTATCAGGTTT
UGT2B7 mut. Site 2 sense ^b	AAACACTACGGAAAATAAAAAATAAGATAAATATCTAGAGTCGGGGCG
UGT2B7 mut. Site 2 anti-sense ^b	CGCCCCGACTCTAGATATTTATCTTATTTTTTATTTTCCGTAAGTGT
UGT2B10 3' UTR sense	GCTAT <u>CTAGAG</u> GGGATTAGTTATATCTGAGATTTGAAGCTGG ^a
UGT2B10 3' UTR anti-sense	GCTAT <u>CTAGAC</u> CTAAGTCATCATGACCATGGCTCAGAGTG ^a
UGT2B15 3' UTR sense	GCTAT <u>CTAGAT</u> TATATCAAAGCCTGAAGTGG ^a
UGT2B15 3' UTR anti-sense	GCTAT <u>CTAGATT</u> TATGGCTTGGATGACACTTTATTTTC ^a
hsa-miR-196a-5p sense	TAGGTAGTTTCATGTTGTTGG
hsa-miR-379-5p sense	TGGTAGACTATGGAACGTAGG
hsa-miR-135a-5p sense	TATGGCTTTTTATTCCCTATGTGA
hsa-miR-590-5p sense	GAGCTTATTCATAAAAAGTGCAG
hsa-miR-216a-5p sense	TAATCTCAGCTGGCAACTGTGA
hsa-miR-216b-5p sense	AAATCTCTGCAGGCAAATGTGA
hsa-miR-146a-3p sense	CCTCTGAAATTCAGTTCTTCAG
hsa-miR-485-5p sense	AGAGGCTGGCCGTGATGAATTC
hsa-miR-152-3p sense	TCAGTGCATGACAGAACTTGG
hsa-miR-23b-3p sense	ATCACATTGCCAGGGATTACC

^a Underlined sequences are nucleotides corresponding to the XbaI restriction enzyme sequence.

^b Abbreviations: mut, mutation; UTR, untranslated region.

Supplemental Table 2. Surrogate peptides used for quantification of UGT2B subfamily members and the internal standard protein bovine serum albumin (BSA). All peptides are unique to their corresponding protein.

Protein IDs	Surrogate Peptides
UGT2B4	TILDELVQR FEVYPVSLTK IPFVYSLR FSPGYAIEK ADIWLIR ANVIASALAK
UGT2B7	TILDELIQR IEIYPTSLTK ADVWLIR ANVIASALAQIPQK
UGT2B10	GHEVTVLASSASILFDPNDSSTLK
UGT2B15	FSVGYTFEK
UGT2B17	SVINDPVYK LCEDAVLNK SVINDPIYK
BSA	LVNELTEFAK SLHTLFGDELCK YNGVFQECCQAEDK AEFVEVTK DAFLGSFLYEYSR HLVDEPQNLIK LGEYGFQNALIVR QTALVELLK LVVSTQTALA