

**Table S1 List of primers used for qRT-PCR validation.**

Gene name	Forward primer (5'-3')	TM (°C)	Reverse primer (5'-3')	TM (°C)	Amplicon length (bp)
<i>CYP7A1</i>	CTCACTTTCGGTACCCTTG	60	CGTGACCGTGGTAGTTAATG	60	142
<i>CYP3A11</i>	GCAAACACTCTGTCCTTCTT	60	GGTCAGCTTCTGCACATTAT	60	129
<i>ABCA1</i>	GAAAGCCTGAGCCGTAATC	60	AGCGTAGAAGGCCAGTAA	60	111
<i>ABCC7</i>	CCTGGTCAGTCGTTTCTTATC	60	GAGCCATCTTCAGCAATCTC	60	125
<i>CACNA1D</i>	GCAGATGTTTGGCAGAATAG	59	CTGTGGCAGATCGGAATAA	59	107
<i>CYP3A41A</i>	GCTGATACAGCTGATACGATG	60	AAGAGCTGTTGGCTTTGG	60	105
<i>ABCC1</i>	GTTTGGCTGCGAAATTGG	60	TCCAAGAGCACCGTAGAT	60	114
<i>LRP2</i>	AACCTCCCGGACATTGTA	60	GTAGGGCACAGTCTCATTTC	60	131
<i>NPR1</i>	CAACTGTGTGGTGGATAGTC	60	GGTGCCGTCCAAAGTAAT	60	132
<i>COL12A1</i>	AACTACCTGCTCCCATACA	60	GAGGGTTTCTGTCCATCAG	60	110
<i>COL6A6</i>	TGAGACACGTGGCTATACT	60	TGATGGCCGATACCAATAAC	60	121
<i>CYP2J6</i>	TCGAGAGGAGATCCGAAAG	60	ACAGCAACTGAGGCAATC	60	120