

Additionally File 10 Table 3. Primers designed for the validation of differential expressed genes by RT-qPCR and copy number determination by qPCR

	Name	Sequence (5'-3')	[Primer]	Amplicon length (bp)
CNV detection	CYP 2C49-DNA-F	GCATGGAGCTATTTTTATTCCTGACT	300 nM	111
	CYP2C49-R	TATGGCTGAACCCACTTAAAATG	300 nM	
	GCG-F	AACATTGCCAAACGTCACGATG	600 nM	130
	GCG-R	GCCTTCCTCGGCCTTTCA	600 nM	
RNA-Seq validation	CYP7A1-RNA-F	TGACGCAGAGAAAGCCAAGTC	900 nM	127
	CYP7A1-RNA-R	TTCAGAAGCTGCTTTCATTGCT	900 nM	
	CYP2C49-RNA-F	TCTCAACAGGAAAACGAATTTGTG	300 nM	153
	CYP2C49-R	TATGGCTGAACCCACTTAAAATG	300 nM	
	LPIN1-F	CCGAGAGAAGGTGGTGGACAT	600 nM	76
	LPIN1- R	CTCTCCATTGTCTCCCAGTTTCA	600 nM	
	ME3-F	TGACCTGGACAAGTACATCATTCTG	600 nM	72
	ME3 -R	GTCAGCACTCGGTAGAAGAGCTT	600 nM	
	APOA2-F	AACTTCAAACCTCAGGCCAAGACTTA	300 nM	111
	APOA2-R	GGCCAATGAAACTGCTCAAGA	300 nM	
	β2M RT-F	ACCTTCTGGTCCCACTGAGTTC	600 nM	108
	β2M RT-R	GGTCTCGATCCCACCTAACTATCTTG	600 nM	
	HPRT1 RT-F	TCATTATGCCGAGGATTTGGA	900 nM	91
	HPRT1 RT-R	CTCTTTCATCACATCTCGAGCAA	900 nM	