

SUPPLEMENTAL MATERIAL

Mullany, et al.

Supplementary Table 1. Sequences of primers used for quantitative RT-PCR

Gene		Oligonucleotide sequence	Reference
Human			
HSD3B1	Forward	CCATGTGGTTTGCTGTTACCAA	Montgomery, RB <i>et al.</i> , 2008
	Reverse	TCAAAACGACCCCTCAAGTTAAAAGA	
CYP1A2	Forward	AACAAGGGACACAACGCTGAAT	Rodriguez-Antona <i>et al.</i> , 2001
	Reverse	GGAAGAGAAACAAGGGCTGAGT	
PSA	Forward	GCATGGGATGGGGATGAAGTAAG	Montgomery, RB <i>et al.</i> , 2008
	Reverse	CATCAAATCTGAGGGTTGTCTGGA	
SRD5A1	Forward	CCTGTTGAATGCTTCATGACTTG	Montgomery, RB <i>et al.</i> , 2008
	Reverse	TAAGGCAAAGCAATGCCAGATG	
CAR3 (NM_005181)	Forward	CGTGAGCTCTGACCAGA	
	Reverse	GTAAGAGCACCAGAAGGA	
HSD17B2	Forward	CCAGGGAAAGGCGCTTACTTGT	Montgomery, RB <i>et al.</i> , 2008
	Reverse	GGGCTTGTCTTGCCAAAATGT	
Mouse			
Srd5a1	Forward	AGGAAGGCCAAGACAAAGGT	
	Reverse	ACTGGGCAACCTGCCTAA	
Hsd3b2	Forward	GGAAGATCTGGAGGAGA	
	Reverse	TGGTCTGCCTGGGAA	
Hsd3b5	Forward	GTATGTGGGCAATGCA	
	Reverse	GCAAGCCAGTAAAGCA	
Hsd17b2 (NM_008290)	Forward	CAGCACTCCAGCAAACACTG	
	Reverse	CTGTGGATCAAAAGGCCG	
Cyp1a2	Forward	TGGAGCTGGCTTTGACACAG	Richardson, TA <i>et al.</i> , 2005
	Reverse	CGTTAGGCCATGTCAAAAGTAGC	
Socs3	Forward	GCACAAGCACAAAAATCCAGC	Rigby, RJ <i>et al.</i> , 2007
	Reverse	AGAAGCCAATCTGCCCTG	
Mup1	Forward	AATGCCAATCGCTGCC	Stopkova R., Et <i>al.</i> , 2007
	Reverse	GCTCCGAATTATCTATGGTTGC	
Lcn2 (NM_008491)	Forward	CCCCTGAAGTGAAGGAACGTT	
	Reverse	CGTCCTTGAGGCCAGAGA	
Car3 (NM_007606)	Forward	GACGGGAGAAAGGCGAGTTC	
	Reverse	CAGGCATGATGGGTCAAAGTG	
ERalpha	Forward	CTAGCAGATAGGGAGCTGGTTCA	
	Reverse	GGAGATTCAAGTCCCCAAAGC	

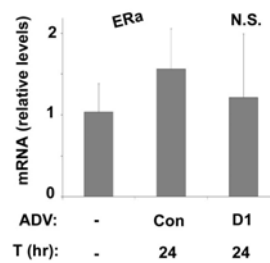
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12 **Supplemental Figure 1:** RNA was isolated from livers as in Figure 1 and subjected to
13 RT-PCR for estrogen-receptor alpha (ER-alpha).
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