

**Supplementary Table S1. Primer sequences used in quantitative real-time PCR analysis**

Gene	Forward	Reverse	Entrez ID
<b>ACTB</b>	GAAAATCTGGCACCACACCT	GATAGCACAGCCTGGATAGCAA	NM_001101.3
<b>AKR1C2</b>	CCTAAAAGTAAAGCTCTAGAGGCCGT	GAAAATGAATAAGATAGAGGTCAACATAG	NM_001354.5
<b>AKR1C3</b>	GAGAAGTAAAGCTTTGGAGGTCACA	CAACCTGCTCCTCATTATTGTATAAATGA	NM_003739.5
<b>AR</b>	ATCCTCATATGGCCCAGTGTCAAG	GCTCTCTAAACTTCCCGTGGCATA	NM_000044
<b>ARv7</b>	CCATCTTGTGCTCTTCGGAAATGTTATGAAGC	TTTGAATGAGGCAAGTCAGCCTTTCT	NM_001348061.1
<b>BRCA1</b>	GTCCCATCTGTCTGGAGTTGAT	TCCAAACCTGTGTCAAGCTG	NM_007294.3
<b>BRCA2</b>	ACTCTGCCGCTGTACCAATC	GGTGTCTGACGACCCTTCAC	NM_000059.3
<b>CDKN1A</b>	TGTCACTGTCTTGTACCCTTGTG	CTTCCTCTTGGAGAAGATCAGCC	NM_000389.4
<b>E2F1</b>	AAGAAGTCCAAGAACCACATCCA	GCTGCGTAGTACAGATATTCATCA	NM_005225.2
<b>E2F2</b>	GCTACTGCTACCTACTACACACC	CTCCAGATCCAGCTTCCTTTTGG	NM_004091.3
<b>HSD17B6</b>	GCTTTCTTTGTAGGAGGCTACTGTG	TCCTTAATATGCTTGGGGGCTTCT	NM_003725.3
<b>MYBL2</b>	TCTGAACTTCTGGAACAAACAGGA	TGGAGTACTTCTGATCTGGGGTTA	NM_002466.3
<b>MYC</b>	CTACCCTCTCAACGACAGCAG	TGCCTCTTTTCCACAGAAACAAC	NM_002467.4
<b>SRD5A1</b>	CCTGTTGAATGCTTCATGACTTG	TAAGGCAAAGCAATGCCAGATG	NM_001047.3
<b>SRD5A2</b>	CTCTCTAAGGAAGGGGCCGAAC	GACAATGCATTCCGCAAACATA	NM_000348.3
<b>TOP2A</b>	TGGAAGTGTACCATTGCAG	CCCTTTGTTTGTGTCCGCA	NM_001067.3
<b>UGT2B15</b>	CGTTGTGCACATGTACCCTAAAA	CCATGTTACATTTTCCTTCCTG	NM_001076.3