

Supplementary Table 3. Primers used for A) qRT-PCR and B) ChIP.

A

<i>Gene</i>	<i>PrimerBank ID</i>	<i>Forward sequence (5'-3')</i>	<i>Reverse sequence (5'-3')</i>
<i>CCND1</i>	77628152c3	CAATGACCCCGCACGATTTTC	CATGGAGGGCGGATTGGAA
<i>FOXA1</i>	24497500c1	GCAATACTCGCCTTACGGCT	TACACACCTTGGTAGTACGCC
<i>GAPDH</i>	378404907c3	CTGGGCTACACTGAGCACC	AAGTGGTCGTTGAGGGCAATG
<i>GATA3</i>	50541958c1	GCCCCTCATTAAGCCCAAG	TTGTGGTGGTCTGACAGTTTCG
<i>HPRT</i>	164518913c3	GAAAAGGACCCACGAAGTGT	AGTCAAGGGCATATCCTACAACA
<i>PGR</i>	160358783c3	CCCAGCATGTGCGCTTAGAAA	AGTGCTCTCACAACCTCTGACTT
<i>SERPINE1</i>	383286746c3	AGTGGACTTTTCAGAGGTGGA	GCCGTTGAAGTAGAGGGCATT
<i>TFF1</i>	N/A	CACCATGGAGAACAAGGTGA	TGACACCAGGAAAACCAAA
<i>XBP1</i>	118640872c1	CCCTCCAGAACATCTCCCCAT	ACATGACTGGGTCCAAGTTGT

B

<i>Gene</i>	<i>Reference</i>	<i>Forward sequence (5'-3')</i>	<i>Reverse sequence (5'-3')</i>
<i>CCND1</i>	Eeckhoute <i>et al.</i> , 2006	CGGGCTTTGATCTTTGCTTA	ACTCCCCTGTAGTCCGTGTG
<i>HPRT</i>		TCTGGTCCAAGGATTCACGC	TCACTAGGTAGCCGTGGGAA
<i>PGR</i>		TCCATCCCAAAGAACCTGCT	CCACCCACACGCACAAATAC
<i>SERPINE1</i>		ACACACACACACATGCCTCA	AACTCATGTTCCAGCCCCAC
<i>TFF1</i>	Kangaspeska <i>et al.</i> , 2008	AAACAGAGCCTGCCCTATAAAA TCC	TGCCTCCTCTCTGCTCCAAA
<i>XBP1</i>		ATACTTGGCAGCCTGTGACC	GGTCCACAAAGCAGGAAAAA

Eeckhoute, J., Carroll, J.S., Geistlinger, T.R., Torres-Arzayus, M.I., and Brown, M. (2006). A cell-type-specific transcriptional network required for estrogen regulation of cyclin D1 and cell cycle progression in breast cancer. *Genes Dev* 20, 2513-2526.

Kangaspeska, S., Stride, B., Métivier, R., Polycarpou-Schwarz, M., Ibberson, D., Carmouche, R.P., Benes, V., Gannon, F., and Reid, G. (2008). Transient cyclical methylation of promoter DNA. *Nature* 452, 112-115.