### Supplemental Table S1. Oligonucleotide primers used for quantitative RT-PCR

| Gene Name | Forward Primer | Reverse Primer | PCR Product Size (bp) |
|-----------|----------------|----------------|-----------------------|
| CCND1     | 5'-CTG GCC ATG AAC TAC CTG-3' | 5'-GTC ACA CTT GAT CAC TCT GG-3' | 182                   |
| c-FOS     | 5'-TGT CTG TGG CTT CCC TTG ATC-3' | 5'-TGG ATG ATG CTG GGA ACA AG-3' | 189                   |
| DKK1      | 5'-GATCATAGCACCTTGGATGG-3' | 5'-GATCATAGCACCTTGGATGG-3' | 120                   |
| ER-α      | 5'-CGG CAT TCT ACA GGC CAA ATT-3' | 5'-AGC GAG TCT CCT TGG CAG ATT-3' | 120                   |
| KLF4      | 5'-TTCCCATCTCAAGGACACACCT-3' | 5'-TGTTTACCGGTAGTGCCTCGTCA-3' | 111                   |
| KLF9      | 5'-TGG CTG TGG GAA AGT CTA TGG-3' | 5'-CTC GTC TGA GCG GGA GAA CT-3' | 124                   |
| PGR       | 5'-CCT TTTGAAAGGGCTACGAAGT-3' | 5'-GAGCTCGACACAACCTCCTTTTG-3' | 110                   |
| PGR-B     | 5'-CGACCAGGAGGTGGAGAT-3' | 5'-GAGGGAAAAGGGAAGGAGGAG-3' | 105                   |
| TP53      | 5'-GGC GCA CAG AGG AGA AT-3' | 5'-GGG GAG GAG CTG GTG TTG TTG-3' | 103                   |
| PTEN      | 5'-GGC GGT GTC ATA ATG TCT TTC-3' | 5'-GGC GGT GTC ATA ATG TCT TTT A-3' | 138                   |
| TBP       | 5'-TCCACAGTGAATCTTGTTGTA-3' | 5'-CCTCATGATTACCAGCGAAGAAA-3' | 102                   |
| TERT      | 5'-ATTCCTGCTCAAGGCTGACTGAC-3' | 5'-ATGGTCTTTGAAATCTGAGGGCAG-3' | 159                   |