

Supplementary Table S1: Sequence of PCR primers and fluorogenic probes used for real-time PCR.

RT-PCR.	Sequence.	Real-time PCR.	Sequence..
GnRH1-F.	5'-GGGATCTGGACAACTTCTCA-3' .	Q-GnRH1-F.	5'-CTCGCAGGGACGGTGTTT-3'.
GnRH1-R.	5'-TTCTTGAATGTCCGGTGTC-3' .	Q-GnRH1-R.	5'-TCTTCCCTCCTGGGCTCAGT-3'.
GnRH2-F.	5'-GAGCTGGACTCCTTTGGGAC-3' .	Q-GnRH1	5'-CACAGGGCTGCTGTCAAACTGGTCATA-3'.
GnRH2-R.	5'-ACAAAATCACGTCAAGGCAG-3' .	Probe.	5'-TGGTCCCATGGTTGGTATCC-3'.
GnRH3-F.	5'-AAGAGAAGTGTGGGAGAGCT-3' .	Q-GnRH2-F.	5'-CCCTGCTTCACACAGCTTAATCT-3'.
GnRH3-R	5'-GTGCTGCTAATAATGATGTA-3'.	Q-GnRH2-R.	5'-AAATCTCTGATGTCCCAAAGGAGTCCAGCT-3'.
.	5'-GATCTCCACCCGAAATGT-3'.	Q-GnRH2	5'-TGCTGGCGTTGGTGGTT-3'.
AR α F.	5'-GCGGCCCTCTTGAAGAATAC-3'.	Probe.	5'-CCTCAAGCTCTCCCACACTTCT-3'.
AR α R.	5'-TCCTTCCCTGAATTCCCTTT-3'.	Q-GnRH3-F.	5'-CAGCACTGGTCCTATGGATGGCTACC-3' .
AR β F.	5'-GCACTCAGCGCTTAACCTCCT-3'.	Q-GnRH3-R.	5'-GCCTGCGACAGAGACAAACC-3' .
AR β R.	5'-GTAAGGACCGTGGACGTGTT-3'.	Q-GnRH3	5'-CACGCTTCCTTCCATCCTGA-3'.
ER α F.	5'-GACGAGAGGACAGGATTGGA-3'.	Probe.	5'-CCTGCCACACACAAGGGCGTCC-3'.
ER α R.	5'-GGCTCCAGTAAAGCCACAGA-3'.	Q-ER α F.	5'-AAGCCACAGAGAGGGTGAGC-3'.
ER β F.	5'-AGAGACGATGGGCTGTCAGT-3'.	Q-ER α R.	5'-TATCCCCACAGGAGGGCTG-3'.
ER β R.	5'-TGGCAGGACTGAGAAGGAGT-3'.	Q-ER α	5'-CCCCGGGACTTCTGCCTGCTATG-3'.
ER γ F.	5'-TTGTTTCATGGGACAGACCA-3'.	Probe.	5'-GCTATGACGGACGCTCTGG-3'.
ER γ R.	5'-GCCTGATTGAGGAGAACAGG-3'.	Q-ER β F.	5'-CGAGTGTACTGCTGCCGGA-3'.
TR α F.	5'-CAGCCCTTCAACAGGATGAT-3'.	Q-ER β R.	5'-CCATCGGCAAAACCGGCCTCA-3'.
TR α R.	5'-GTTGCATGGAGATCATGTCG-3'.	Q-ER β Probe.	..
TR β F.	5'-ATGTGCCACTTTGTGTTTGC-3'.	Q-ER γ F.	
TR β R.	5'-CATTGTGAAGCGTGAGGAGA-3'.	Q-ER γ R.	
GR1 F.	5'-GGAAGAGCAGAGGTTTGACG-3'.	Q-ER γ Probe.	
GR1 R.	5'-CCCTACATGACCGACCAGTT-3'.	.	
GR2 F.	5'-ACTCCACGCTCAGGGATTTA-3'.		
GR2 R.	5'-AGTTTACACATCAATGACCA-3' .		
PR F.	5'-ATGACTTCTGACATCATCTC-3'.		
PR R.	5'-CCAGTGCAGTCAACGAGGAG-3'.		
RXR-F1.	5'-GACAAGCAGCTCTTCACCCT-3'.		
RXR-F2.	5'-ACTGTGGGCACTGTTCTGT-3'.		
RXR-R.	5'-CCATTGGCATGTGCAAAGA-3'.		
PXR-F1.	5'-TAACACCCCAGTTCAGCTTTC-3'.		
PXR-F2.	5'-CAGGCGTTTTTAGGGCACT-3'.		
PXR-R.	5'-TGGTATCGCTCGAAGTTTGC-3' .		
GFAP F.	5'-AGGTCCTGGTACTCCTGCA-3'.		
GFAP R.			

Foot note: All probes were labeled with FAM dye for a 5'-reporter dye and TAMRA dye for 3'-quencher dye.