

Supplementary file 2. Primers and probes used in this study.

primer/ probe	target	direction	purpose	sequence (5' to 3')
primer	<i>cyp19a1b</i>	forward	genotyping (gDNA PCR)	GACTTGGTCCTGTCCTGTCCTA
primer	<i>cyp19a1b</i>	reverse	genotyping (gDNA PCR)	ATCCTGGTTTTCTTCCACAGAG
primer	<i>cyp19a1b</i>	forward	genotyping (CS)	TTGTGAGGGTATGGATTAATGG
primer	<i>cyp19a1b</i>	forward	genotyping (HRM)	CGGCTGAAAGCTTGTTTACCTA
primer	<i>cyp19a1b</i>	reverse	genotyping (HRM)	CCCGAATCTAGACGTGTAGTGG
probe	<i>cyp19a1b</i>	forward	genotyping (HRM)	TGAGGTGTACCATGTTTTGAAGAGC
primer	<i>cyp19a1b</i>	forward	real-time PCR	AAGAAGATGATCCAGCAAGAG
primer	<i>cyp19a1b</i>	reverse	real-time PCR	AGCATCAGAAGAAGTAAGAAAAGTG
primer	<i>esr2a</i>	forward	genotyping (gDNA PCR)	ATGTCGCTTTTGCAGTTTAAGCTG
primer	<i>esr2a</i>	reverse	genotyping (gDNA PCR)	ATGAACACGGATCTGCTGATGG
primer	<i>esr2a</i>	forward	genotyping (CS)	ACGGCTTTGAAGATCCTTGGCT
primer	<i>esr2a</i>	forward	genotyping (HRM)	CAGGCGGCAAGTCTGAACTC
primer	<i>esr2a</i>	reverse	genotyping (HRM)	CTCCATTTTACCTTGGATGCTCC
probe	<i>esr2a</i>	forward	genotyping (HRM)	ATACCACTACGGCGTGTGGTCATGCGAG

gDNA PCR, PCR on genomic DNA; CS, cycle sequence; HRM, high-resolution melting analysis.