

**Accessory Publication**

Table S1. Real-time PCR raw data of ct value in 24 patients

GAPDH			CYP11A1		
ID	ct	relative_copy	ct	relative_copy	ratio_copy
pcos1	33.588	5.69E+03	33.341	9.39E+03	1.650
pcos2	33.069	8.08E+03	33.349	1.10E+04	1.360
pcos3	31.739	1.98E+04	30.993	2.02E+04	1.020
pcos4	26.489	6.80E+05	26.989	9.31E+05	1.370
pcos5	26.199	8.27E+05	26.066	1.17E+06	1.410
pcos6	28.094	2.31E+05	27.584	3.14E+05	1.360
pcos7	26.488	6.80E+05	26.343	7.48E+05	1.100
pcos8	28.428	1.84E+05	28.774	1.67E+05	0.910
pcos9	31.161	2.92E+04	31.837	2.57E+04	0.880
pcos10	32.939	8.81E+03	32.805	9.16E+03	1.040
pcos11	32.324	1.33E+04	31.575	1.61E+04	1.210
pcos12	28.809	1.42E+05	28.354	1.41E+05	0.990
cont1	26.586	6.37E+05	27.13	6.94E+05	1.090
cont2	28.584	1.66E+05	28.511	1.38E+05	0.830
cont3	25.568	1.26E+06	25.855	1.35E+06	1.070
cont4	26.87	5.26E+05	26.405	4.15E+05	0.790
cont5	26.093	6.26E+05	29.035	3.95E+05	0.630
cont6	28.056	3.37E+05	28.407	3.53E+05	1.050
cont7	26.427	6.75E+05	28.519	7.43E+05	1.100
cont8	29.777	1.95E+05	28.998	1.39E+05	0.710
cont9	29.630	3.06E+05	30.584	2.05E+05	0.670
cont10	30.322	9.81E+03	30.742	9.62E+03	0.980
cont11	29.684	2.44E+04	31.143	2.52E+04	1.030
cont12	29.045	1.66E+05	29.593	1.29E+05	0.780

Table S1. Real-time PCR raw data of ct value in 24 patients (continued)

UCP-2		
ct	relative copy	ratio copy
33.126	4.33E+03	0.760
33.14	1.11E+04	1.370
32.145	1.13E+04	0.570
27.141	7.41E+05	1.090
26.547	8.93E+05	1.080
27.98	1.91E+05	0.830
26.175	8.39E+05	1.234
30.147	1.40E+05	0.760
31.244	2.72E+04	0.930
33.599	7.75E+03	0.880
32.851	1.23E+04	0.920
29.083	1.45E+05	1.020
28.08	5.03E+05	0.790
29.106	1.57E+05	0.950
25.974	8.85E+05	0.700
26.74	1.63E+05	0.310
31.813	5.95E+05	0.950
30.637	2.36E+05	0.700
28.718	4.32E+05	0.640
29.965	1.27E+05	0.650
29.748	2.79E+05	0.910
32.736	6.48E+03	0.660
31.766	1.83E+04	0.750
29.487	1.48E+05	0.890

**Figure S1.** Histological analysis of ovarian tissue. H&E staining of a (A) primordial follicle (lower arrow) and primary follicle (upper arrow), x100; (B) secondary follicle, x200; (C) antral follicle, x100; (D) mature follicle, x400.



