## **Accessory Publication**

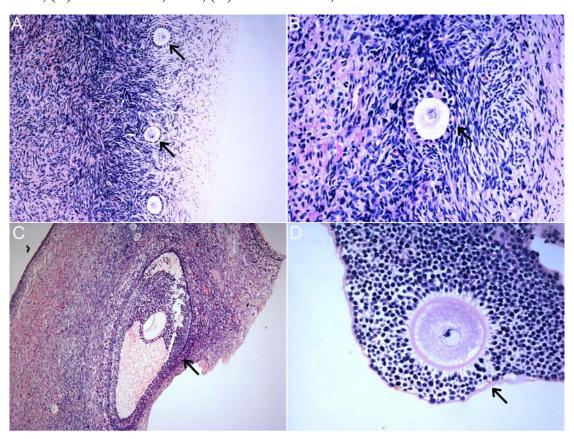
Table S1. Real-time PCR raw data of ct value in 24 patients

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.



**Figure S2.** UCP-2 and CYP11A1 protein expression in PCOS and control samples as determined by Western blot analysis. Representative Western blots of eight samples for each group were included. β-actin expression was examined as a loading control.

