Supplementary Table 8: Proteins differently expressed in PCOS ovary and normal ovary[a] were also identified in this proteome

Spot	Accession numbers	Gene symbols	Normal (% volume) n = 3 (Mean ± SD)	PCOS (% volume) n = 3 (Mean ± SD)
1	P62333	PSMC6	0.027 ± 0.011	0.0581 ± 0.008*
2	Q9NR50	EIF2B3	0	0.007 ± 0.002*
4	P22626	HNRNPA2B1	0.030 ± 0.027	0.092 ± 0.016*
6	P45880	VDAC2	0.024 ± 0.010	0.081 ± 0.007*
8	Q99798	ACO2	0.032 ± 0.006	0.061 ± 0.007*
10	Q96AE4	FUBP1	0.013 ± 0.006	0.027 ± 0.003*
12	Q5TCJ3	LMNA	0.003 ± 0.005	0.025 ± 0.007*
13	Q03252	LMNB2	0.042 ± 0.011	0.069 ± 0.010*
15	Q5SZY0	CCT3	0.024 ± 0.005	0.050 ± 0.013*
17	P01008	SERPINC1	0.008 ± 0.003	0.016 ± 0.003*
18	P50990	CCT8	0	0.007 ± 0.001*
19	Q14195	DPYSL3	0.006 ± 0.001	0.016 ± 0.004*
20	Q16555	DPYSL2	0.014 ± 0.002	0.028 ± 0.004*
21	P28838	LAP3	0.006 ± 0.011	0.031 ± 0.009*
22	O75955	FLOT1	0.006 ± 0.006	0.023 ± 0.007*
23	P31153	MAT2A	0.003 ± 0.006	0.016 ± 0.001*
24	Q9UQ80	PA2G4	0.007 ± 0.006	0.023 ± 0.003*
25	P50454	SERPINH1	0.008 ± 0.014	0.034 ± 0.009*
27	Q00688	FKBP3	0.001 ± 0.002	0.010 ± 0.002*
29	P28062	PSMB8	0	0.011 ± 0.003*
32	P42025	ACTR1B	0.029 ± 0.0079	0.053 ± 0.003*
34	Q9UNZ2	NSFL1C	0.001 ± 0.001	0.008 ± 0.001*
35	P37837	TALDO1	0.014 ± 0.003	0.025 ± 0.005*
36	Q9UIJ7	AK3	0.005 ± 0.006	0.022 ± 0.009*
37	Q5U4P6	KHSRP	0.011 ± 0.009	0.041 ± 0.006*
38	Q4QQH7	FGA	0.006 ± 0.005	0.021 ± 0.006*
39	Q9NRN5	OLFML3	0.023 ± 0.008	0.036 ± 0.008*
40	P62873	GNB1	0.102 + 0.004933	0.134 + 0.007*
41	P08670	VIM	0	0.007 ± 0.001*
42	P20774	OGN	0	0.045 + 0.014*
44	P02679	FGG	0	0.007 ± 0.001*
45	P49593	PPM1F	0.004 ± 0.003	0.013 ± 0.001*
46	P04075	ALDOA	0.020 ± 0.002	0.062 ± 0.013*
47	P40926	MDH2	0.038 ± 0.073	0.0483 ± 0.005*
48	P50416	CPT1A	0	0.014 ± 0.002*
49	P17980	PSMC3	0.003 ± 0.005	0.011 ± 0.003*
50	P22392	NME2	0.042 ± 0.007	0.082 ± 0.018*
43	O94760	DDAH1	0.006 ± 0.001	0.011 ± 0.003*
51	P30086	PEBP1	0.056 ± 0.013	0.080 ± 0.011*
59	P07355	ANXA2	0.038 ± 0.009	0.020 ± 0.002*
62	O60701	UGDH	0.073 ± 0.020	0.021 ± 0.019*
63	Q16658	FSCN1	0.449 ± 0.112	0.168 ± 0.010*
64	Q969H8	C19orf10	0.038 ± 0.003	0.030 ± 0.002*
65	P40121	CAPG	0.014 ± 0.004	0.005 ± 0.005*
66	Q567T7	MAT2B	0.021 ± 0.0004	0.014 ± 0.003*
67	Q8TCD5	NT5C	0.028 ± 0.006	0.007 ± 0.0008*
68	Q01995	TAGLN	0.027 ± 0.010	0.007 ± 0.006*
69	P50995	ANXA11	0.038 ± 0.006	0.022 ± 0.004*

[a] reported by Ma et al. (2007): Proteomic analysis of human ovaries from normal and polycystic ovarian syndrome.

*statistically significant difference between normal and PCOS group.