

Supplement

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Table 1S. Regression analysis to establish independent determinants of miRNA-222 expression level in groups.

Variable	b coefficient	p value	95% Confidence Intervals
Age	-0.092	0.31	-0.007 to0.002
BMI	-0.113	0.22	-0.015 to0.006
AMH	0.0209	0.049	-0.009 to0.01
FSH	0.422	0.085	-0.009 to0.057
LH	0.013	0.146	-0.017 to0.008
prolactin	6.144	0.703	-0.006 to0
testosterone	0.145	0.089	-0.011 to0.017
estadiol	0.758	0.077	0 to0
SHBG	0.002	0.986	-0.004 to0.003
DHEA-Sulfate	-0.48	0.81	-0.026 to0.17
LH/FSH	0.079	0.481	-0.013 to0.019
hirsutism level	0.01	0	-0.001 to0.001
hydroxy progesterone	0.131	0.395	0 to0.001
fastingG2	0.021	0.171	-0.149 to0.087
fastingI2	-0.168	0.141	-0.056 to0.016
HOMA2	-0.126	0.301	-0.098 to0.218

Table 2S. Regression analysis to establish independent determinants of miRNA-218 expression level in groups.

Variable	b coefficient	p value	95% Confidence Intervals
Age	-0.159	0.096	-0.06to0.003
BMI	0.03	0.762	-0.082to0.064
AMH	-0.282	0.014	-0.161to-0.024
FSH	0.322	0.07	-0.227to0.25
LH	0.094	0.05	-0.082to0.095
prolactin	0.251	0.097	-0.021to0.019
testosterone	0.207	0.05	-0.028to0.177
estradiol	0.628	0.05	-0.001to0.002
SHBG	-0.187	0.17	-0.027to0.023
DHEA-Sulfate	0.035	0.793	-0.647to0.767
LH/FSH	-0.217	0.049	-0.213to0.023
hypothyroidism level	0.166	0.205	-0.004to0.009
hydroxy progesterone	0.273	0.02	-0.002to0.01
fastingG2	0.453	0	-1.036to0.657
fastingI2	-0.076	0.52	-0.474to0.047
HOMA2	0.09	0.86	-0.27to2.004

Table 3S. Regression analysis to establish independent determinants of miRNA-146 expression level in groups.

Variable	b coefficient	p value	95% Confidence Intervals
Age	0.001	0.940	-0.003to0.007
BMI	0.122	0.082	-0.015 to0.008
AMH	-0.201	0.05	-0.019 to0.002
FSH	0.187	0.017	-0.023 to0.051
LH	0.359	0.003	-0.016 to0.012
prolactin	0.362	0.002	-0.001 to0.005
testosterone	0.402	0.075	-0.027 to0.005
estradiol	0.345	0	0 to0.001
SHBG	-0.004	0.01	-0.007 to0.001
DHEA-Sulfate	0.51	0	-0.071 to0.151
LH/FSH	0.145	0.089	-0.006to0.031
hypothyroidism level	0.244	0.136	-0.001to0.001
hydroxy progesterone	0.288	0.482	-0.001to0.001
fastingG2	0.197	0.051	-0.301to-0.036
fastingI2	0.145	0.13	-0.088to-0.006
HOMA2	0.214	0.054	0.039to0.396