

Supplementary Table 3. Plasma FSH, insulin, and osteocalcin, and urinary corticosterone.

	OR SED	OR EX	OP SED	OP EX
FSH ^a	87.04 ± 6.79	62.15 ± 7.66	51.34 ± 9.04	52.21 ± 7.62
Insulin ^b	0.95 ± 0.08	1.22 ± 0.12	1.32 ± 0.16	1.49 ± 0.60
unOsteocalcin	51.0 ± 3.5	44.5 ± 6.5	41.5 ± 3.1	40.0 ± 7.8
Corticosterone				
PreOVX	1.88 ± 0.41	2.12 ± 0.35	1.09 ± 0.21	2.00 ± 0.17
PostOVX-CL	1.98 ± 0.29	2.38 ± 0.55	2.00 ± 0.45	2.28 ± 0.19
PostOVX-AL	1.91 ± 0.38	1.75 ± 0.42	2.04 ± 0.37	1.27 ± 0.17
PostOVX-End ^{cd}	2.19 ± 0.18	3.85 ± 0.44	2.96 ± 0.24	2.52 ± 0.34

^ap<0.05 Main effect of phenotype (OR < OP) ^bp<0.05 Main effect of phenotype (OP > OR). ^c

p<0.05 phenotype*exercise interaction. ^d. p<0.001 Main effect of time. N=6-8 for follicle stimulating hormone (FSH); n=10-12 for insulin and osteocalcin; n=5-8 for corticosterone. Units are ng/ml.