

Supplementary Table S1. Primers used for qPCR analysis

Gene	Primer Fwd (5'-3')	Primer Rev (5'-3')
<i>18s</i>	GCTCTAGAATTACCACAGTTATCCAA	AAATCAGTTATGGTTCCTTTGGTC
<i>Acadl</i>	GACCTCTCTACTCACTTCTCCAG	TCTTTTCCTCGGAGCATGACA
<i>Alp</i>	CGGATCCTGACCAAAAACC	TCATGATGTCCGTGGTCAAT
<i>Atp6</i>	CAACCGTCTCCATTCTTTCC	TCATGTTCGTCCTTTTGGTG
<i>Bglap</i>	TGAGGACCATCTTTCTGCTCA	TGGACATGAAGGCTTTGTCA
<i>Cd36</i>	TTGAAAAGTCTCGGACATTGAG	TCAGATCCGAACACAGCGTA
<i>Col1α1</i>	CCGCTGGTCAAGATGGTC	CTCCAGCCTTTCAGGTTCT
<i>Cpt1α</i>	TCTGCCATCTTGAGTGGTGA	GACTCCGCTCGCTCATTC
<i>Cpt2</i>	TCCCAATGCCGTTCTCAAAAT	CAGCACAGCATCGTACCCA
<i>Mtco2</i>	CCTCCACTCATGAGCAGTCC	GAATAACCCTGGTCGGTTTG
<i>Nd1</i>	GTGAGTGATAGGGTAGGTGCA	AACACTCCTCGTCCCCATTC
<i>Pgc1α</i>	TATGGAGTGACATAGAGTGTGCT	TCAAGAGCTGGTCCTTGTACC
<i>RNase P</i>	CTGACCACACGAGCTGGTAGAA	GCCTACACTGGAGTCGTGCTACT
<i>Runx2</i>	GCCCAGGCGTATTTTCAGAT	TGCCTGGCTCTTCTTACTGAG

Supplementary Table S2. MTT test metabolic activity (Fold vs T0) over time.

	MTT test Metabolic Activity (Fold±SD vs Time 0)					
<i>Time (hours)</i>	<i>G (5.5 mM)</i>	<i>G+PA 12.5 μM</i>	<i>G+PA 25 μM</i>	<i>G+PA 50 μM</i>	<i>G+PA 75 μM</i>	<i>G+PA 100 μM</i>
24	1.16±0.12	1.10±0.09	1.57±0.10	1.02±0.10	1.14±0.10	0.91±0.10
48	3.10±1.05	2.30±0.99	3.97±1.66*	2.82±0.73	2.97±0.94	2.72±0.82
72	4.30±1.25	4.42±1.63	6.07±0.99**, ##	3.67±0.87	3.53±1.03	3.57±1.76
96	5.50±0.58	5.10±1.06	6.50±0.80*, ##	4.19±0.57*	4.20±0.79*	3.72±0.61*

* $p<0.05$, ** $p<0.01$ vs G

$p<0.01$ vs G+PA50 μM, G+PA75uM, G+PA100 μM