

Supplementary material

Table S1 Primer sequences

Primer sequence	Forward primer	Reverse primer
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PEPCK	5'-CTGGCACCTCAGTGAAGACA- 3'	5'-TCGATGCCTTCCCAGTAAAC- 3'
AMPK	5'- TCCTTCATGGACGATATGGCC-3'	5'- ATCCAGTGGACAGCGTGCTTT-3'
TNF- α	5'-TGAGTGAGACGCATTTCCAG- 3'	5'-CTGGAGGTAGGCACAGCTTC- 3'
β -actin	5'- ACGTCGACATCCGCAAAGACCT C-3'	5'- TGATCTCCTTCTGCATCCGGTC A-3'

Table S2 Effect of OP fraction on body weight of mice

Groups	Body weight of mice (g)				
	0 week	1 week	2 weeks	3 weeks	4 weeks
CONTROL	30.61±1.36	37.02±1.94	39.87±2.36	42.47±2.57	44.12±3.11
L-OP	29.84±1.34	36.74±1.43	39.32±1.84	41.48±2.51	42.96±2.55
M-OP	30.49±1.42	37.35±2.02	40.18±2.64	42.85±3.10	44.78±3.44
H-OP	30.80±1.69	37.96±2.74	40.84±3.89	43.54±3.80	45.27±4.02