



Figure S1. Effects of UAOS and antibiotics treatment on serum lipid in HFD-fed mice. Change in TG levels (A), TC levels (B), HDL-c levels (C), LDL-c levels (D), and FFA levels (E). The data are represented as means \pm standard deviation (SD, n= 8). Compare to HFD group, * p < 0.05, ** p < 0.01, *** p < 0.001. Compare to indicated groups, # p < 0.05, ## p<0.01.

Table S1. The primers sequences used for PCR reaction.

Gene name	Primers sequences
TNF- α	Forward: 5'-TAGCCAGGAGGGAGAACAGA-3' Reverse: 5'-TTTTCTGGAGGGAGATGTGG-3'
IL-1 β	Forward: 5'-TTGAAGAAGAGCCCATCCTC -3' Reverse: 5'-CAGCTCATATGGGTCCGAC -3'
IL-6	Forward: 5'-CCGGAGAGGAGACTTCAC-3' Reverse: 5'-TCCACGATTTCCCAGAGA-3'
IL-10	Forward: 5'-GCTCTTACTGACTGGCATGAG -3' Reverse: 5'-CGCAGCTCTAGGAGCATGTG-3'
PAI-1	Forward: 5'-TCAGCCCTTGCTTGCCAT-3' Reverse: 5'-GCATAGCCAGCACCGAGGA-3'