

Table S1. Primers used during the real-time PCR assay

Gene	Forward/reverse primer (5'-3')
<i>TLR-4</i>	F: 5'- CCGCTCTGGCATCATCTTCA -3' R: 5'- CCCACTCGAGGTAGGTGTTTCTG -3'
<i>NF-κB</i>	F: 5'- GATGGGACGACACCTCTACACATA -3' R: 5'- CCCAAGAGTCGTCCAGGTCA -3'
<i>Caspase-1</i>	F: 5'- ACTCGTACACGTCTTGCCCTCA -3' R: 5'- CTGGGCAGGCAGCAAATTC -3'
<i>NLRP3</i>	F: 5'- CTGAAGCATCTGCTCTGCAACC -3' R: 5'- AACCAATGCGAGATCCTGACAAC -3'
<i>IL-1β</i>	F: 5'- CCCTGAACTCAACTGTGAAATAGCA -3' R: 5'- CCCAAGTCAAGGGCTTGGAA -3'
<i>β-actin</i>	F: 5'- GGAGATTACTGCCCTGGCTCCTA -3' R: 5'- GACTCATCGTACTCCTGCTTGCTG -3'

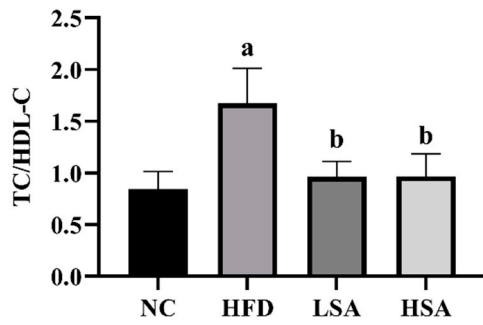


Figure S1: The ratio of TC/HDL-C. $n = 8$ each group. ^a $P < 0.05$, compared to the NC group; ^b $P < 0.05$, compared to the HFD group.

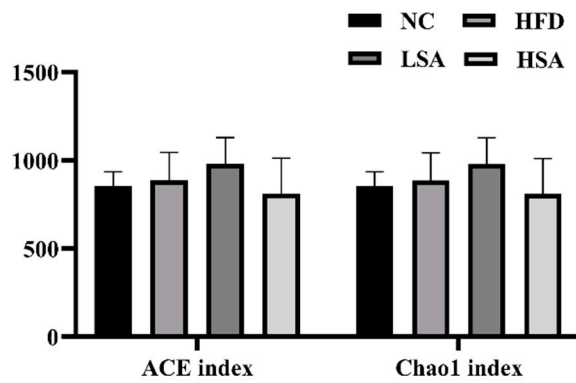


Figure S2: The alpha-diversity. $n = 5-6$ each group. ^a $P < 0.05$, compared to the NC group; ^b $P < 0.05$, compared to the HFD group.

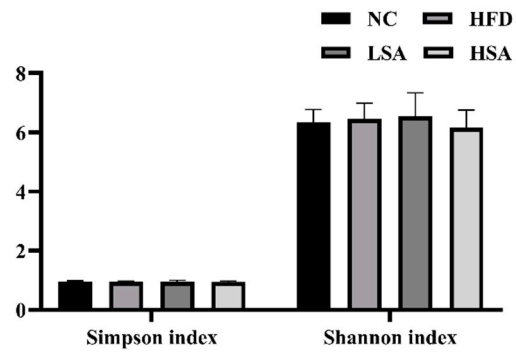


Figure S3: The alpha-diversity. $n = 5-6$ each group. ^a $P < 0.05$, compared to the NC group; ^b $P < 0.05$, compared to the HFD group.